

FIG. 1A

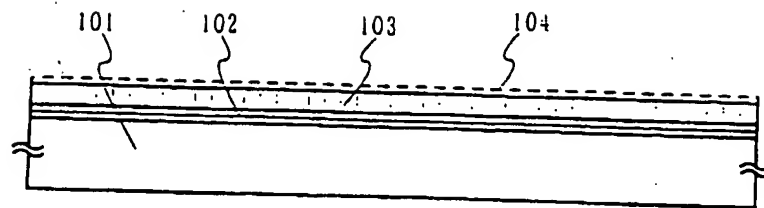


FIG. 1B

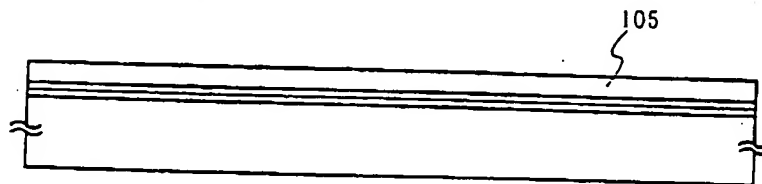


FIG. 1C

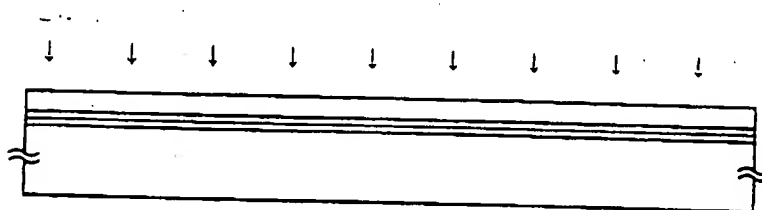
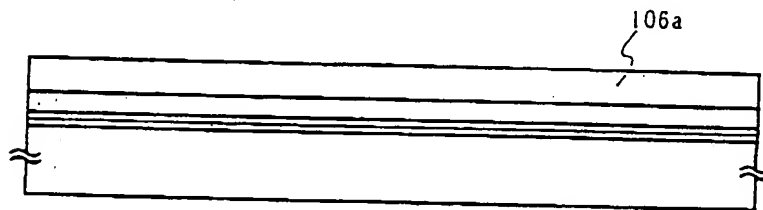


FIG. 1D



10046893.01.1702

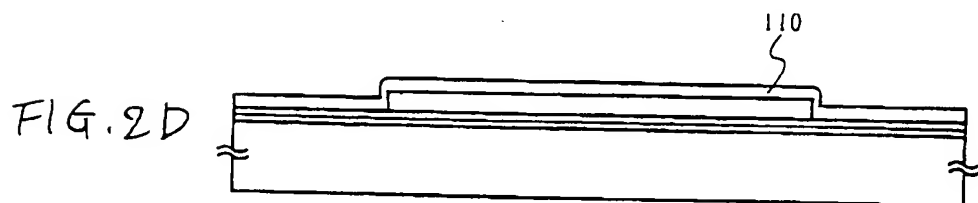
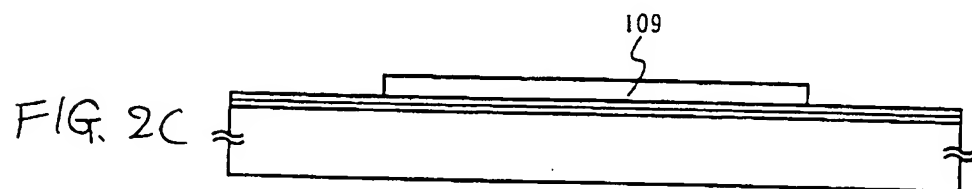
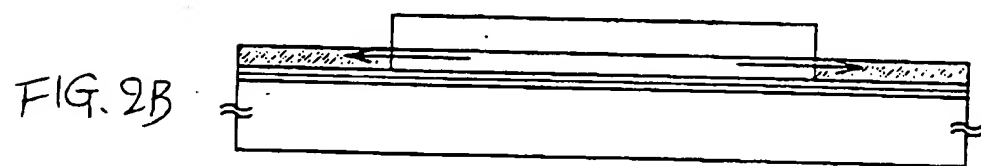
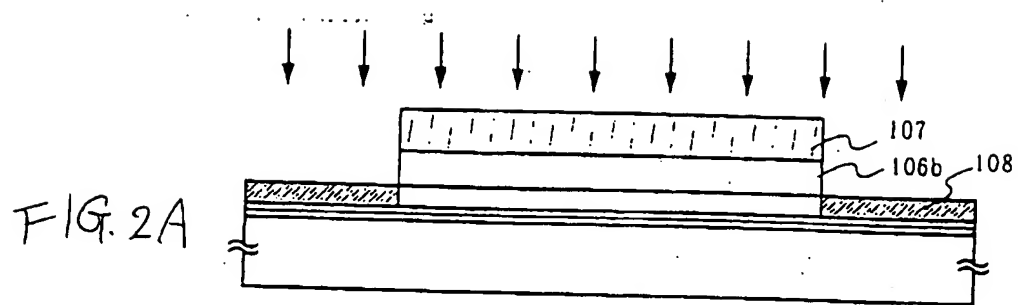
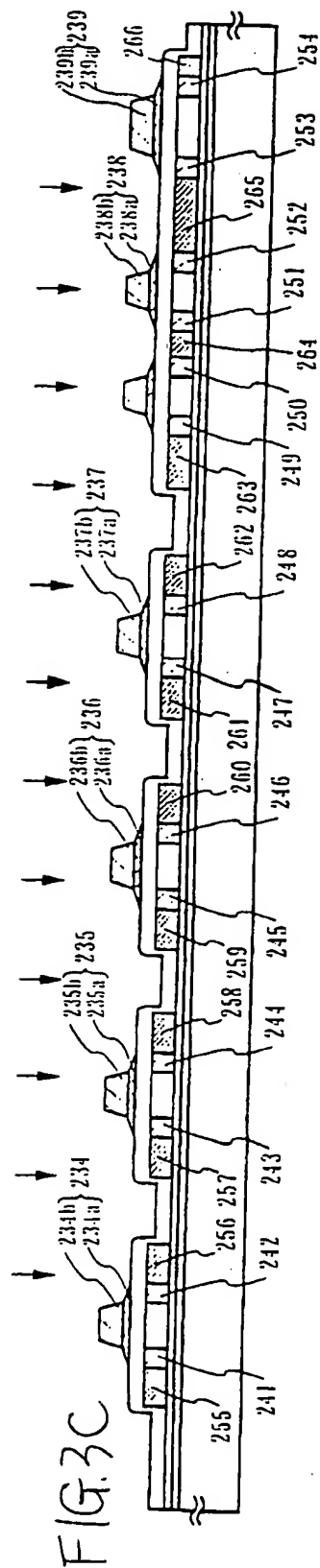
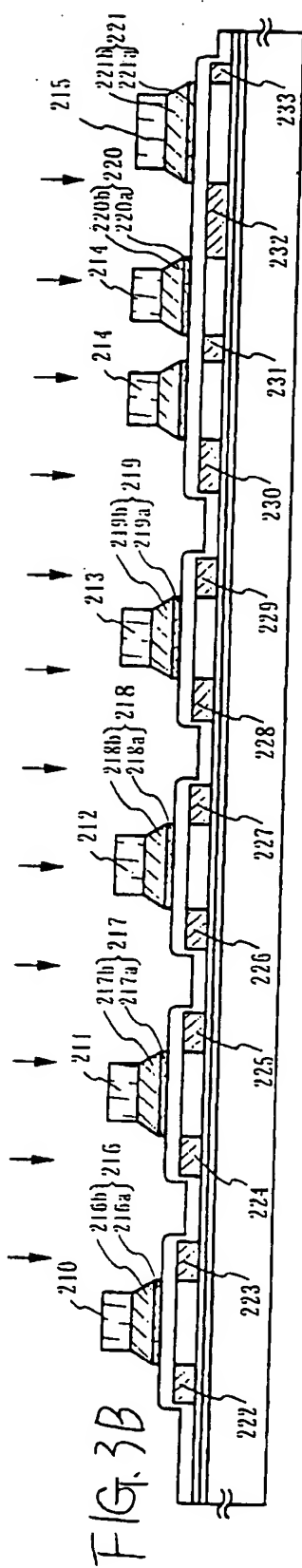
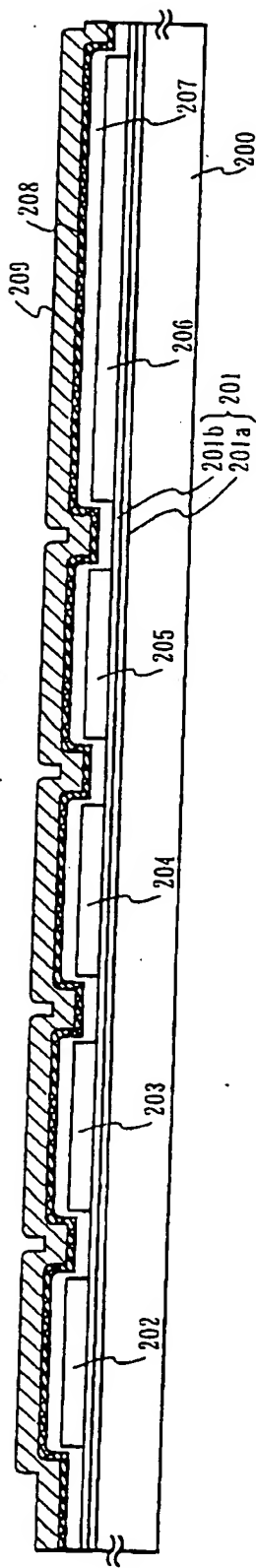


FIG. 3A



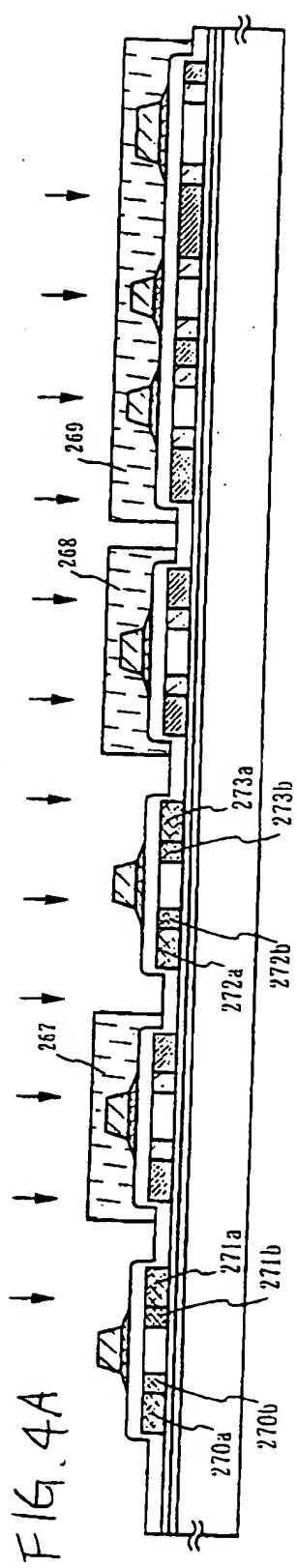


FIG. 4B

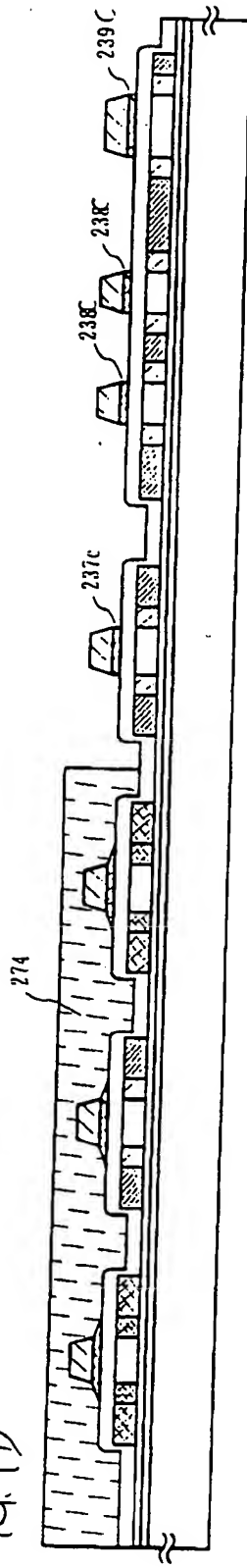
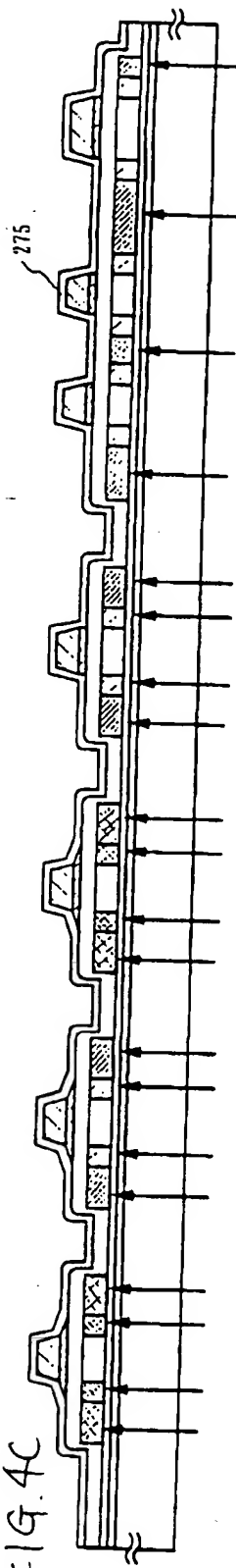


FIG. 4C



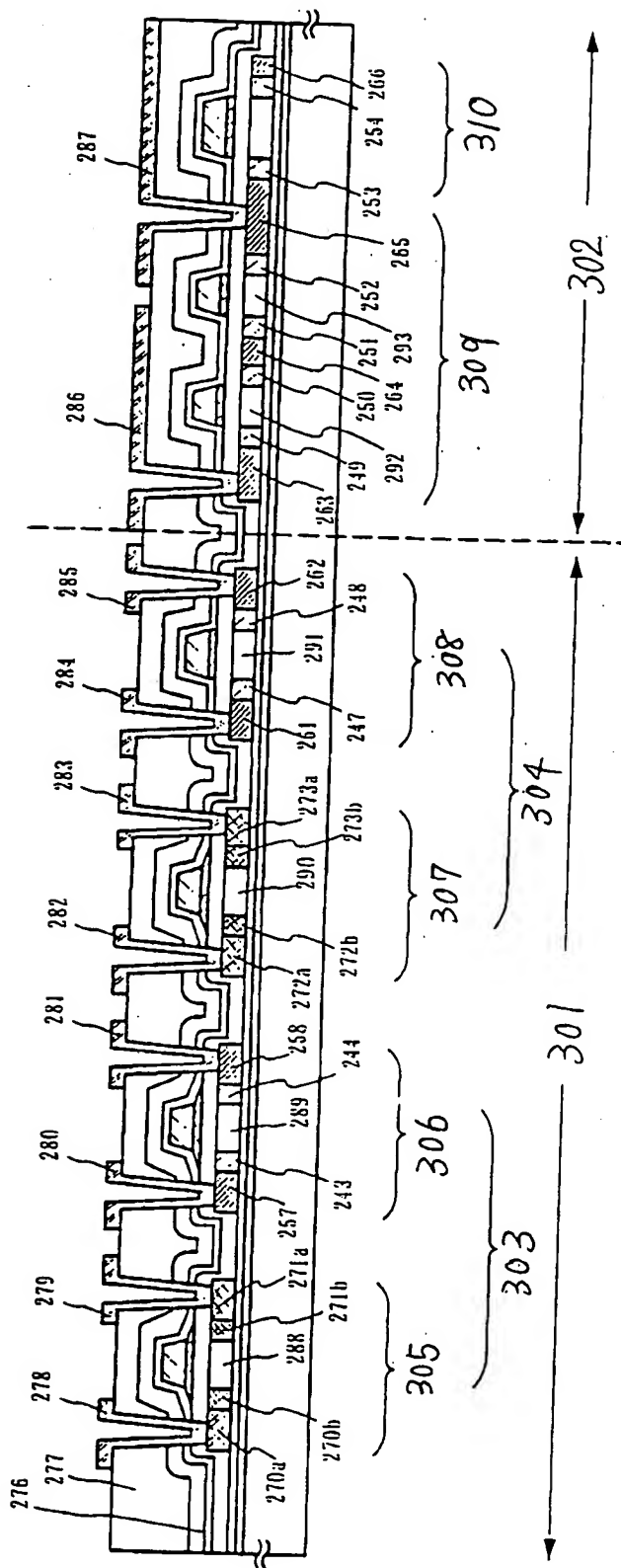
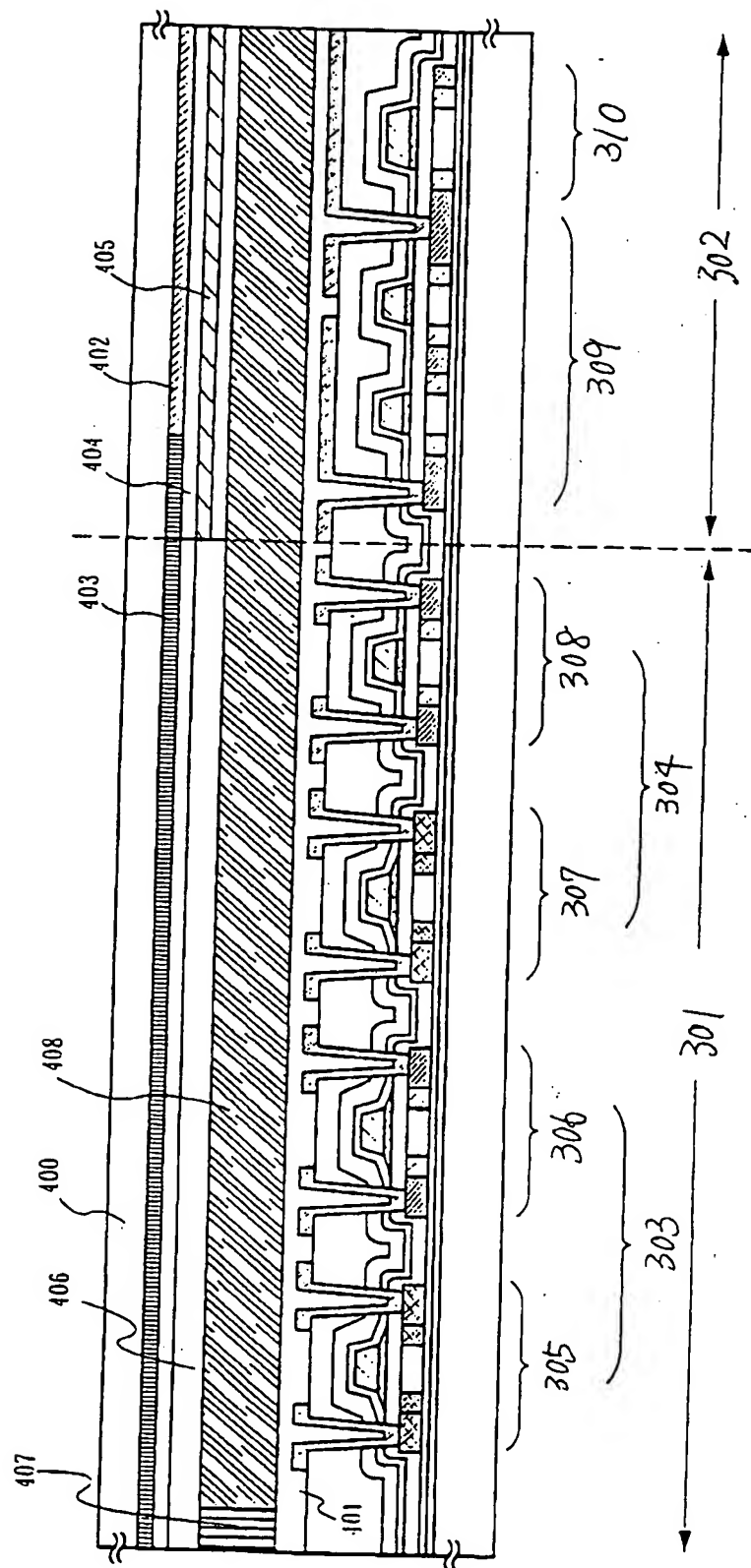


FIG. 5

[illegible]

F/G.6

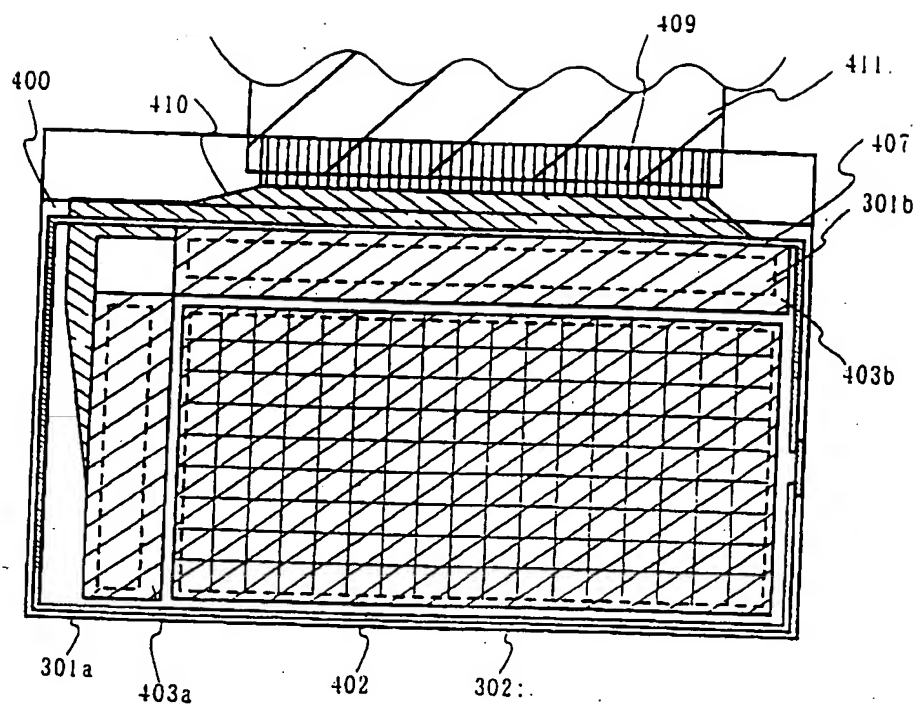


FIG. 7

202710-8684001

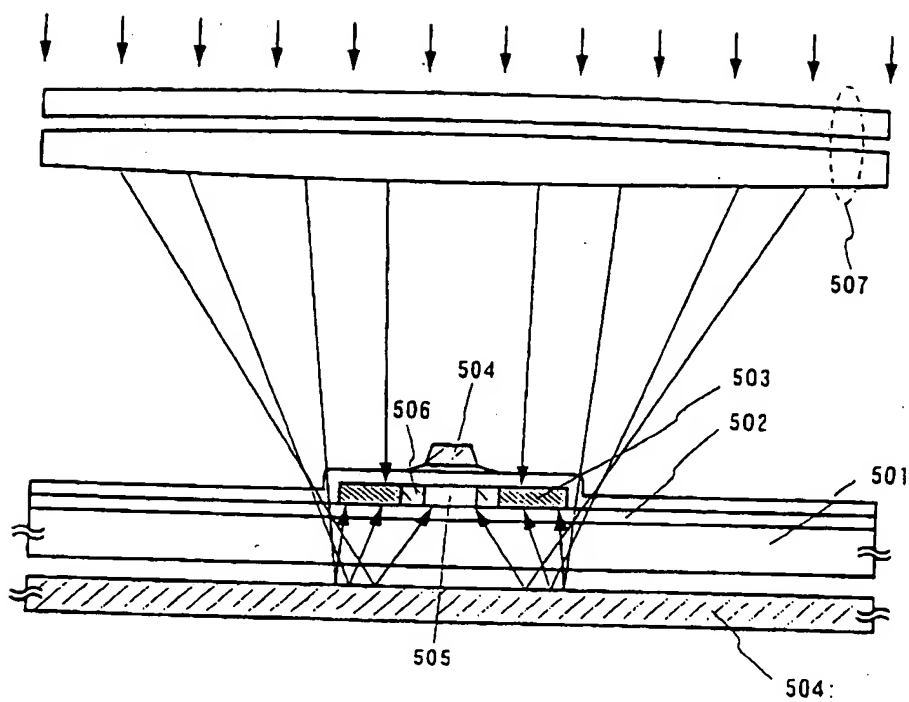


FIG. 8

FIG. 9A

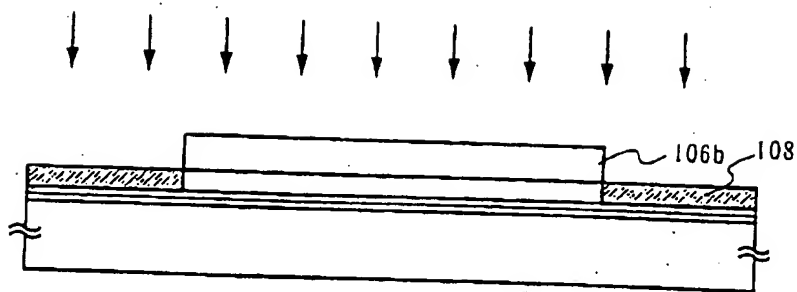


FIG. 9B

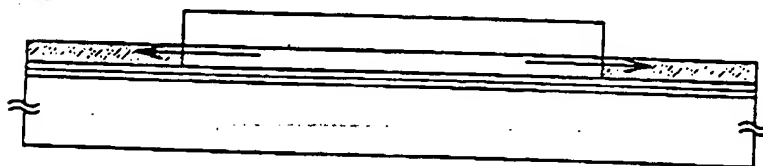


FIG. 9C

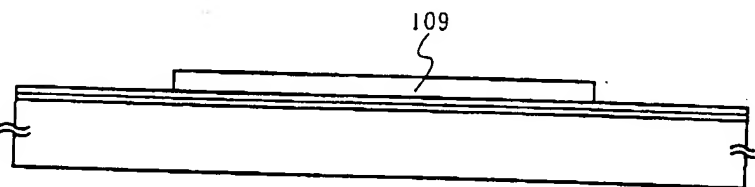
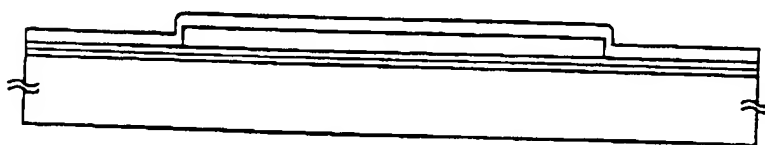


FIG. 9D



202406893-011702

FIG. 10A

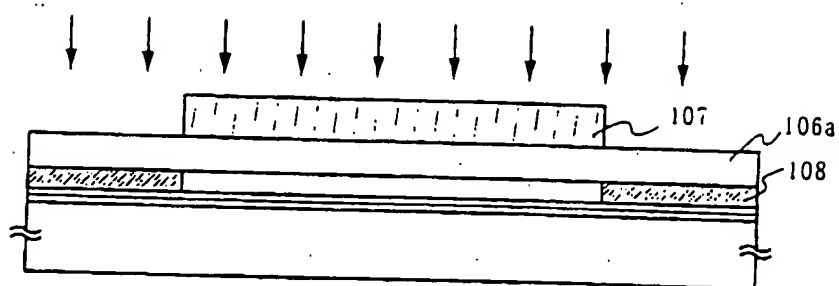


FIG. 10B

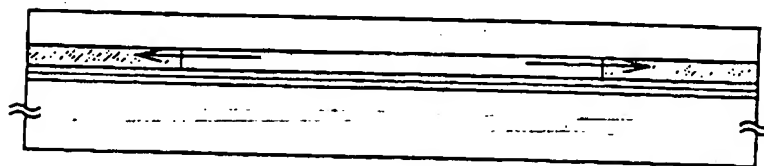


FIG. 10C

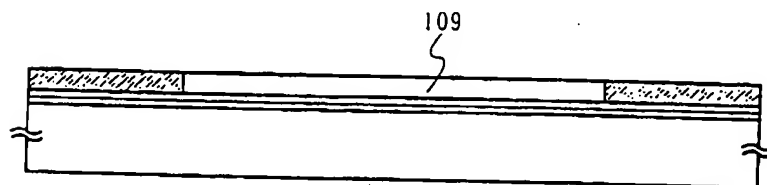


FIG. 10D

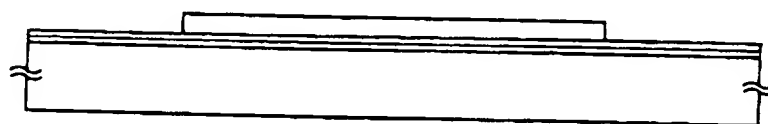


FIG. 11A

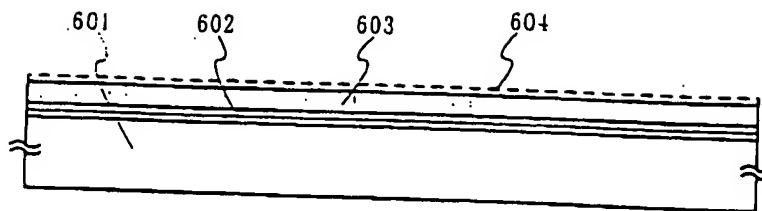


FIG. 11B

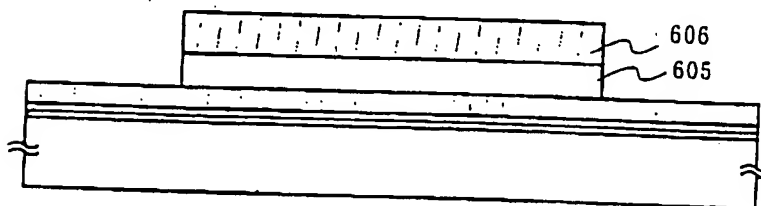


FIG. 11C

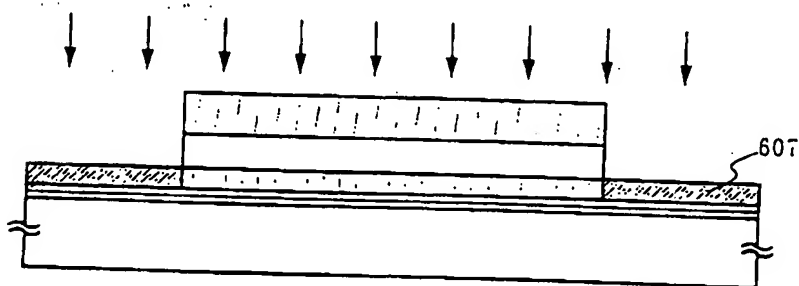


FIG. 11D

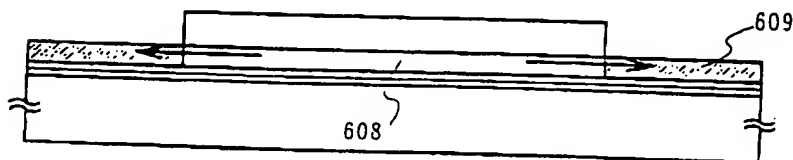
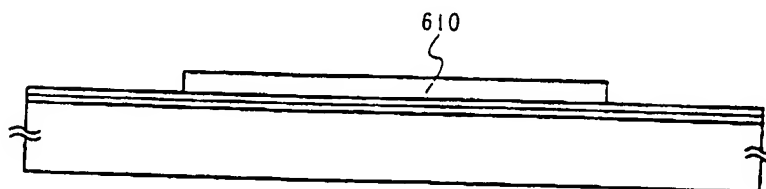


FIG. 11E



10046893-011702

FIG. 12A

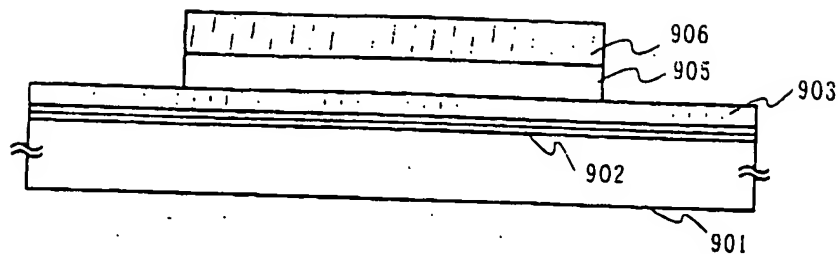


FIG. 12B

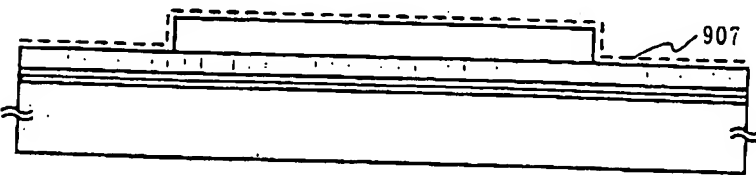


FIG. 12C

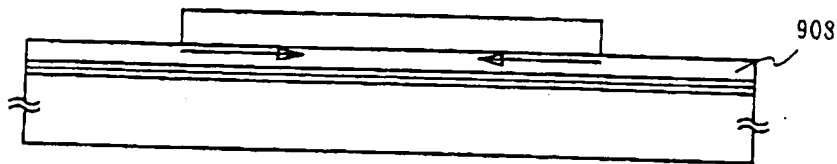


FIG. 12D

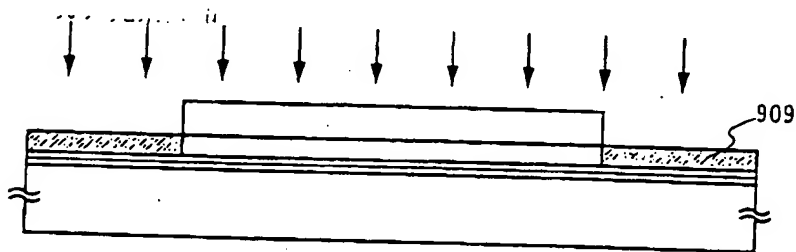


FIG. 12E

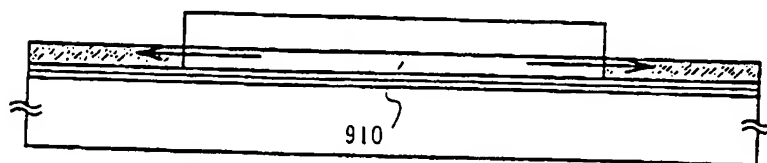


FIG. 12F

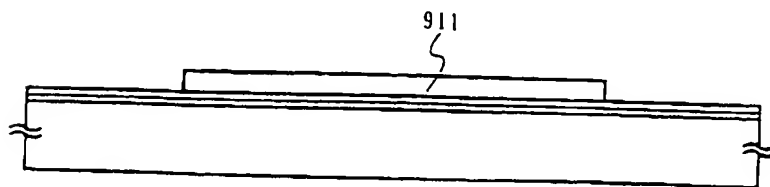


FIG. 13A

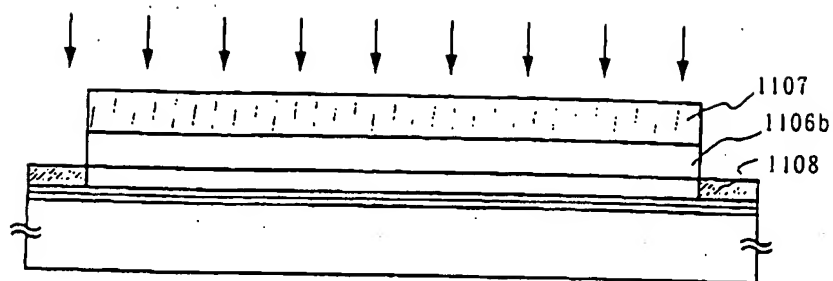


FIG. 13B

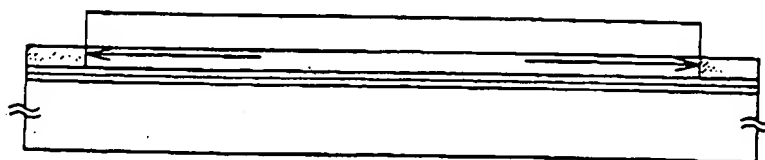


FIG. 13C

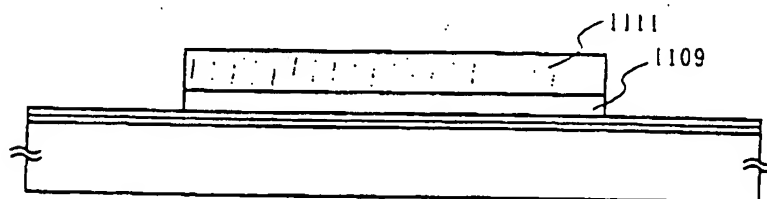


FIG. 13D

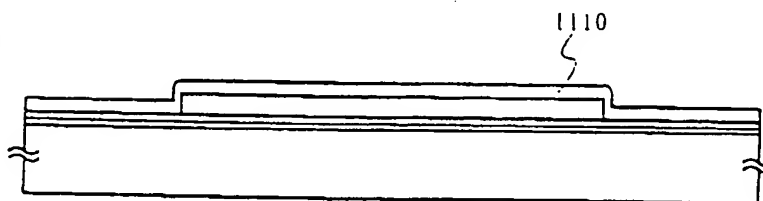


FIG. 14A

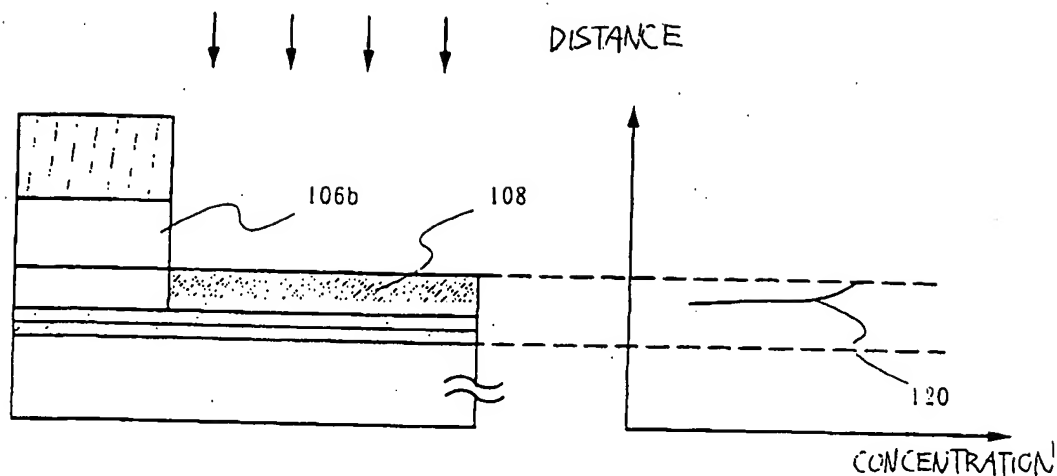


FIG. 14B

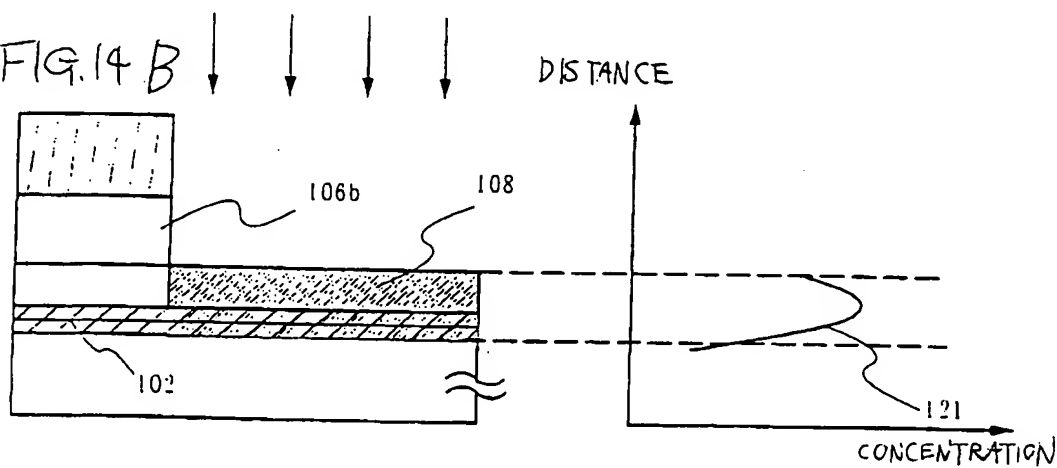
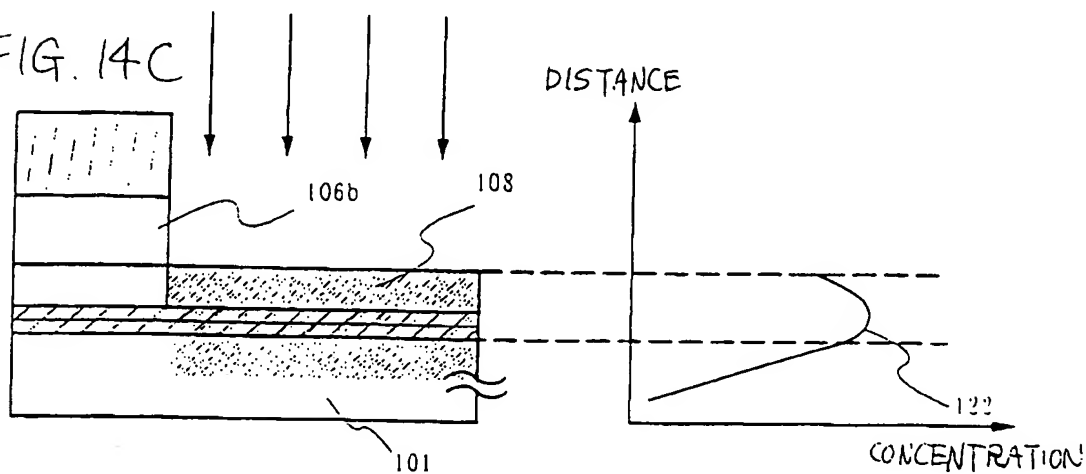


FIG. 14C



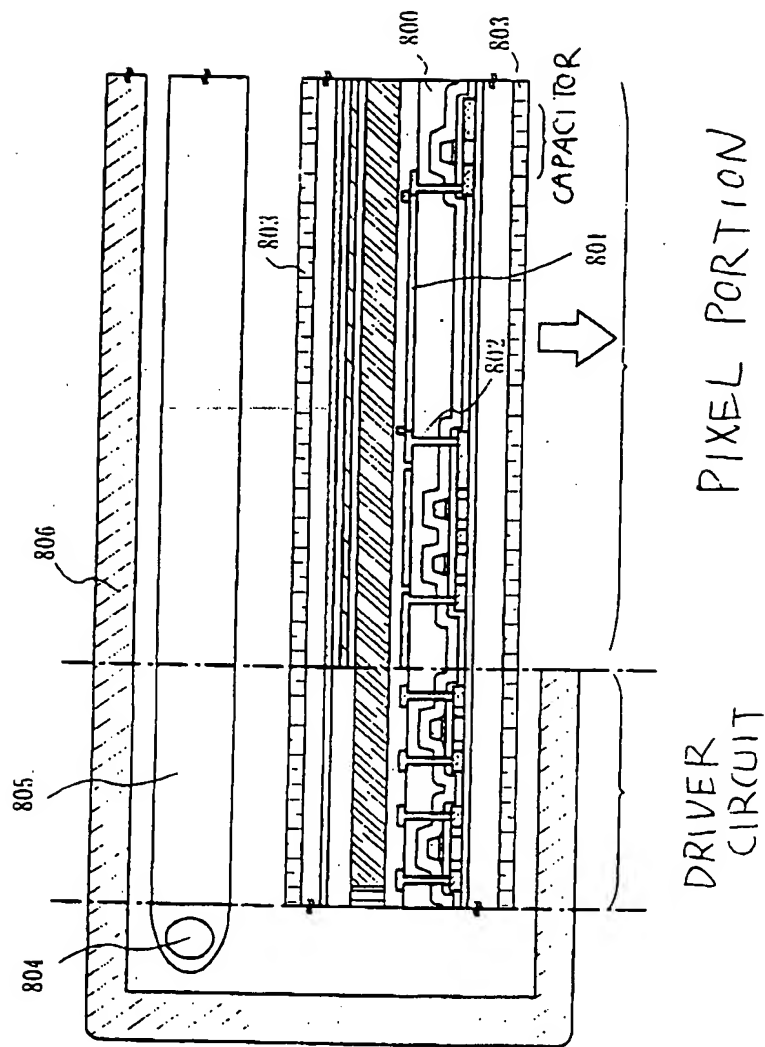
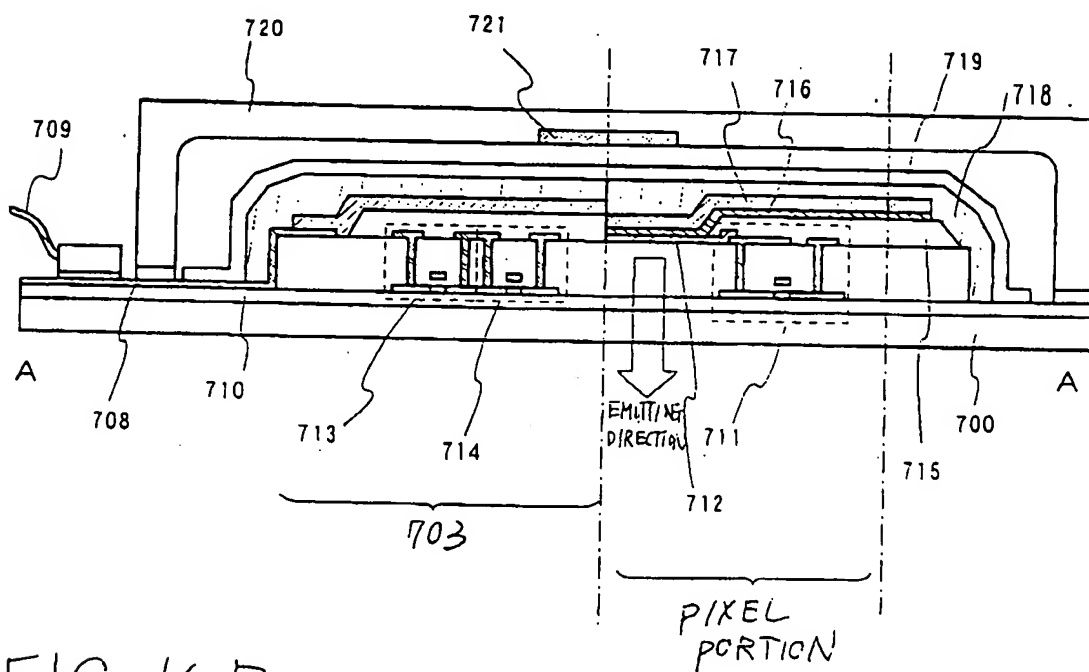
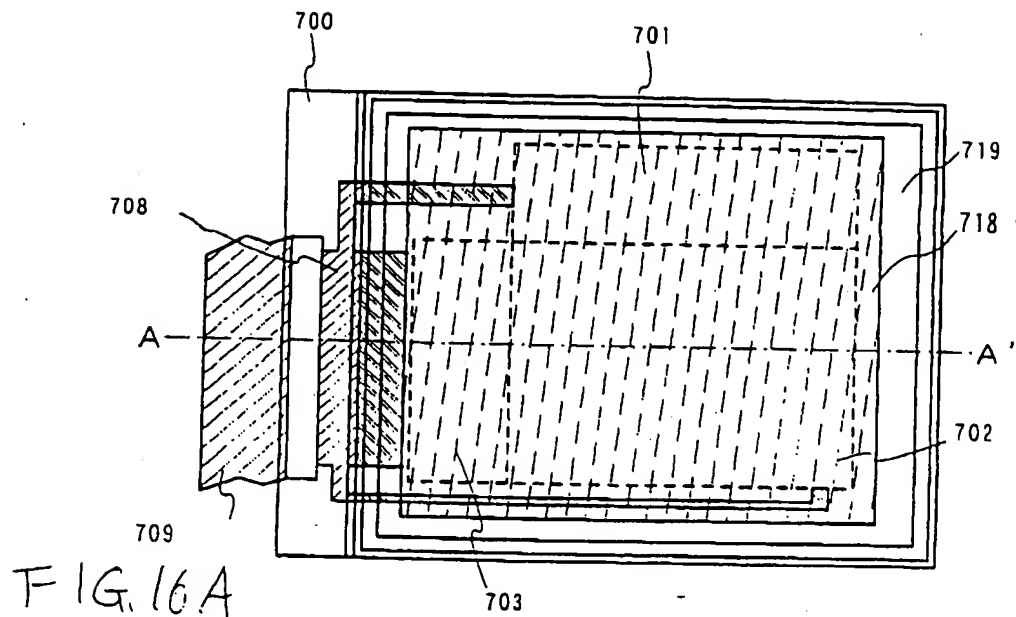


FIG. 15



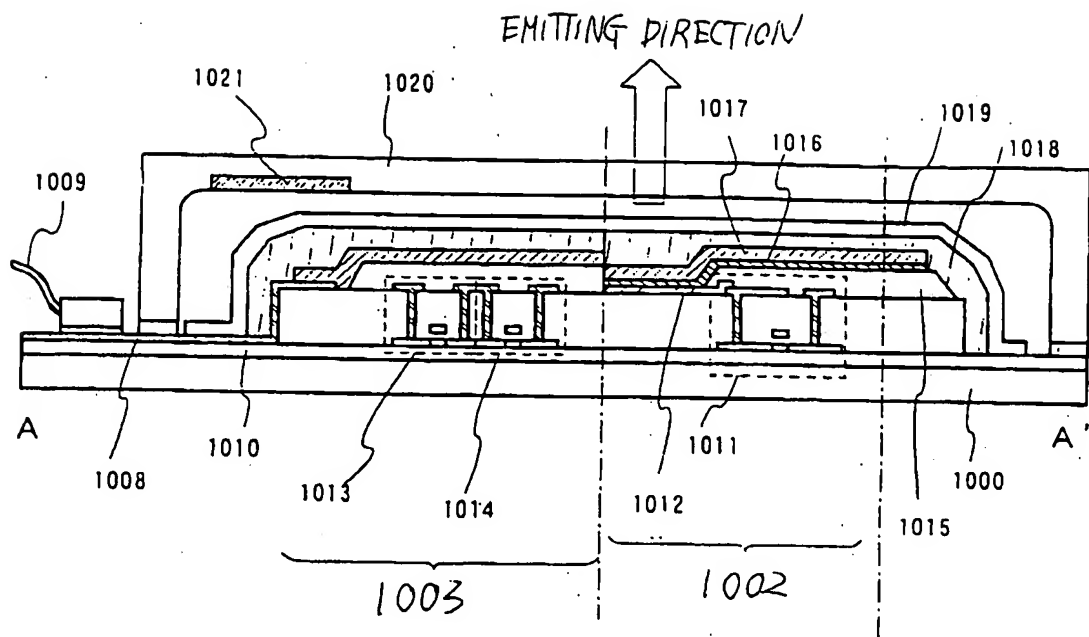


FIG. 17

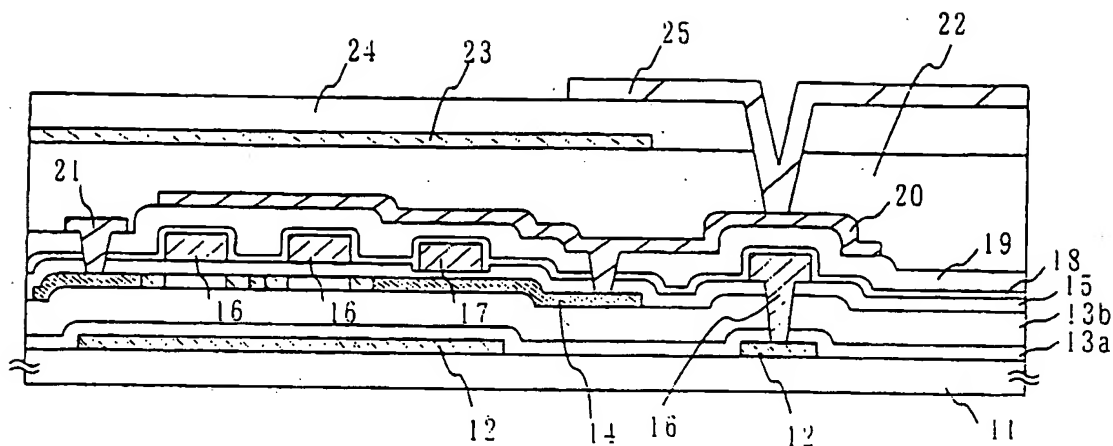
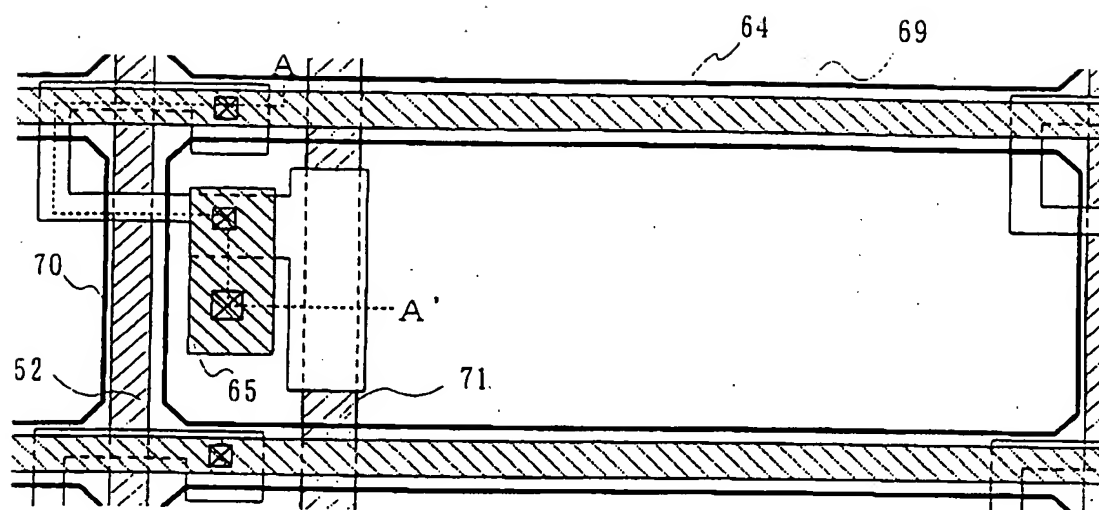


FIG. 18



F 1G. 19A

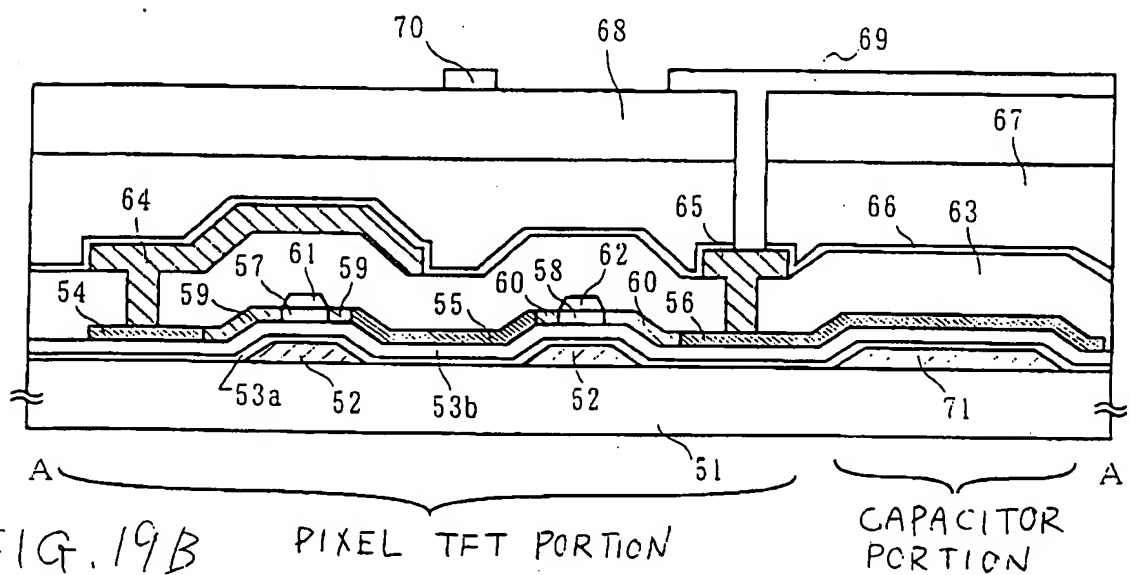


FIG. 19B

PIXEL TFT PORTION

CAPACITOR
PORTION

20410" E689400T
1004693 .01702

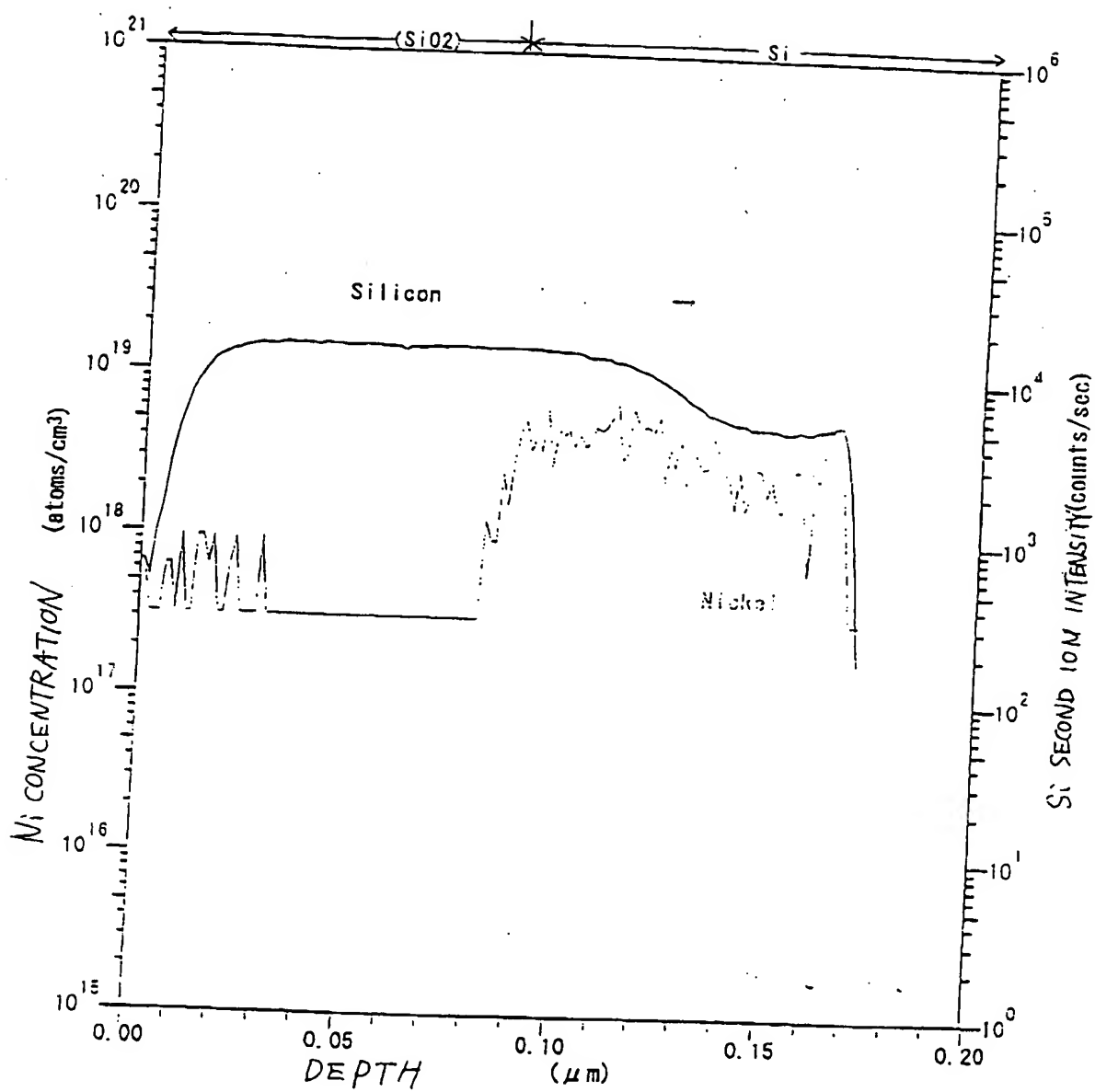


FIG. 20

202710-66894001

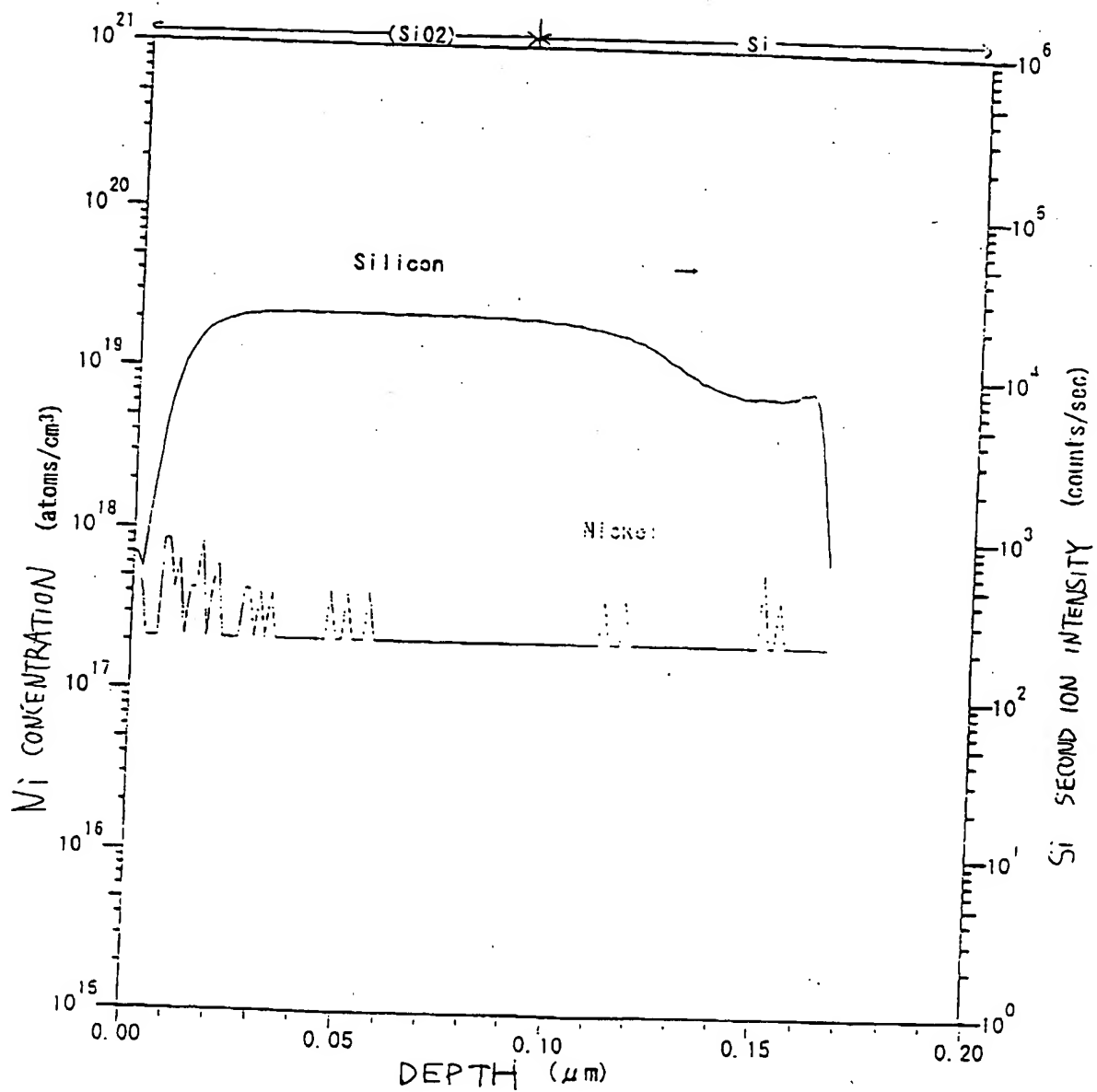


FIG. 21

204710-168400

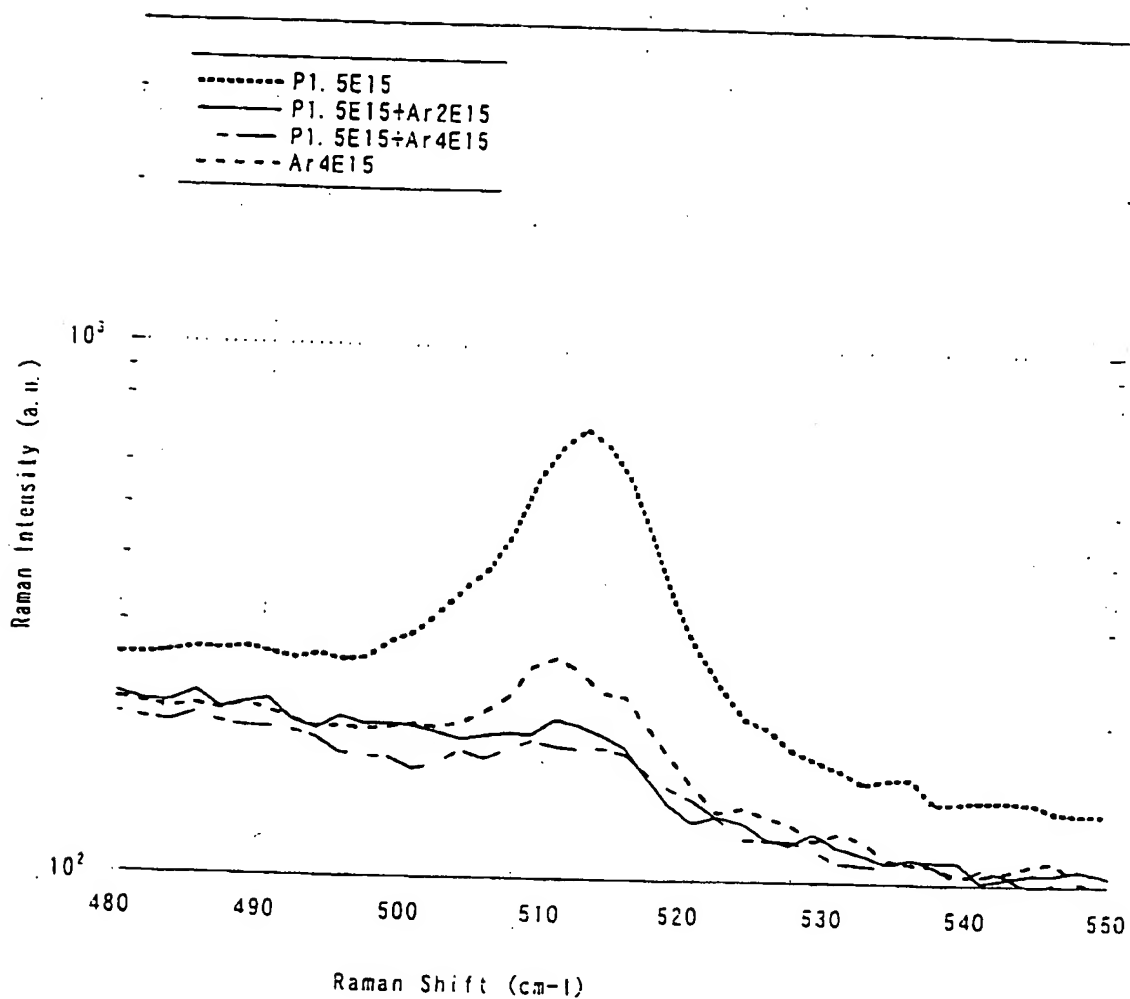


FIG. 22

204710" E589400T

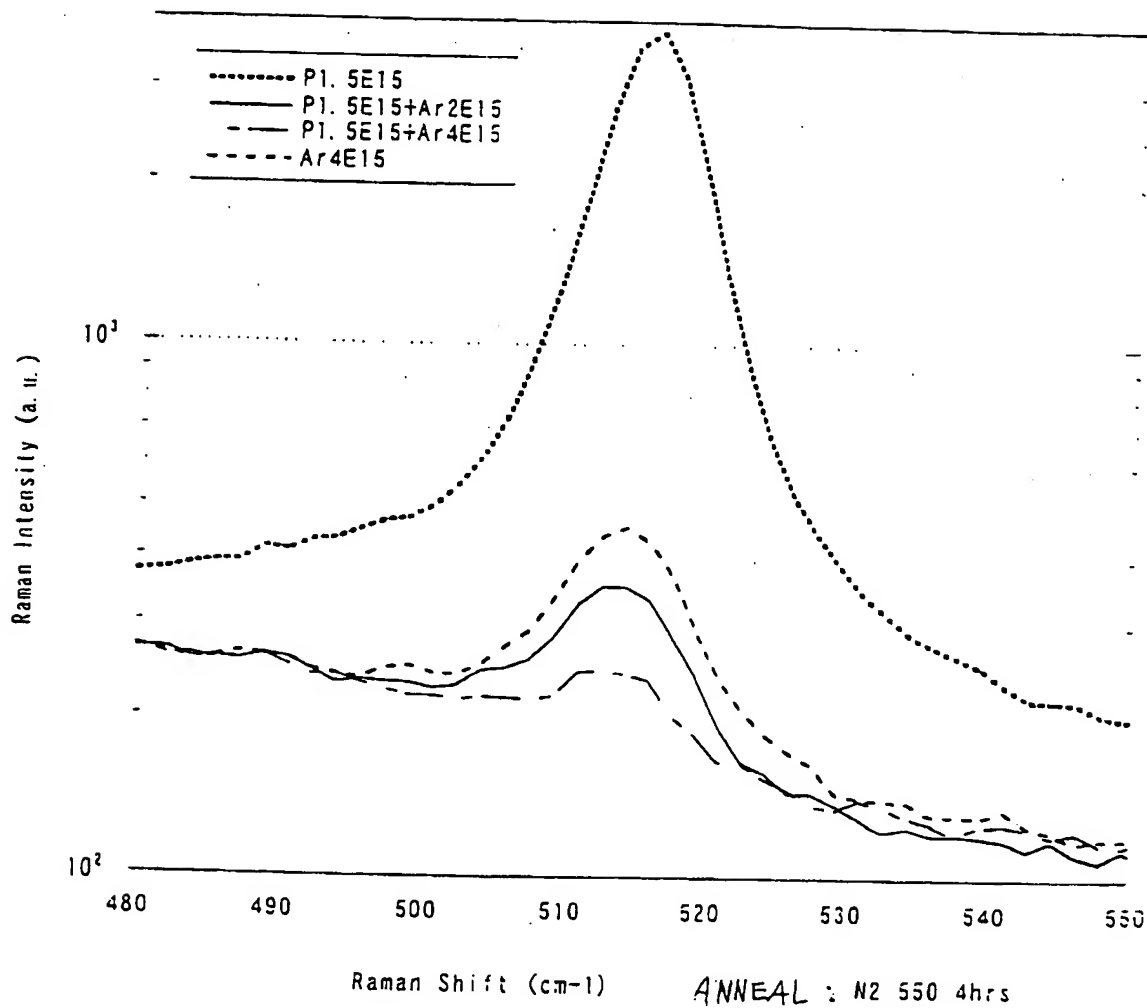


FIG. 23

20046893.01702

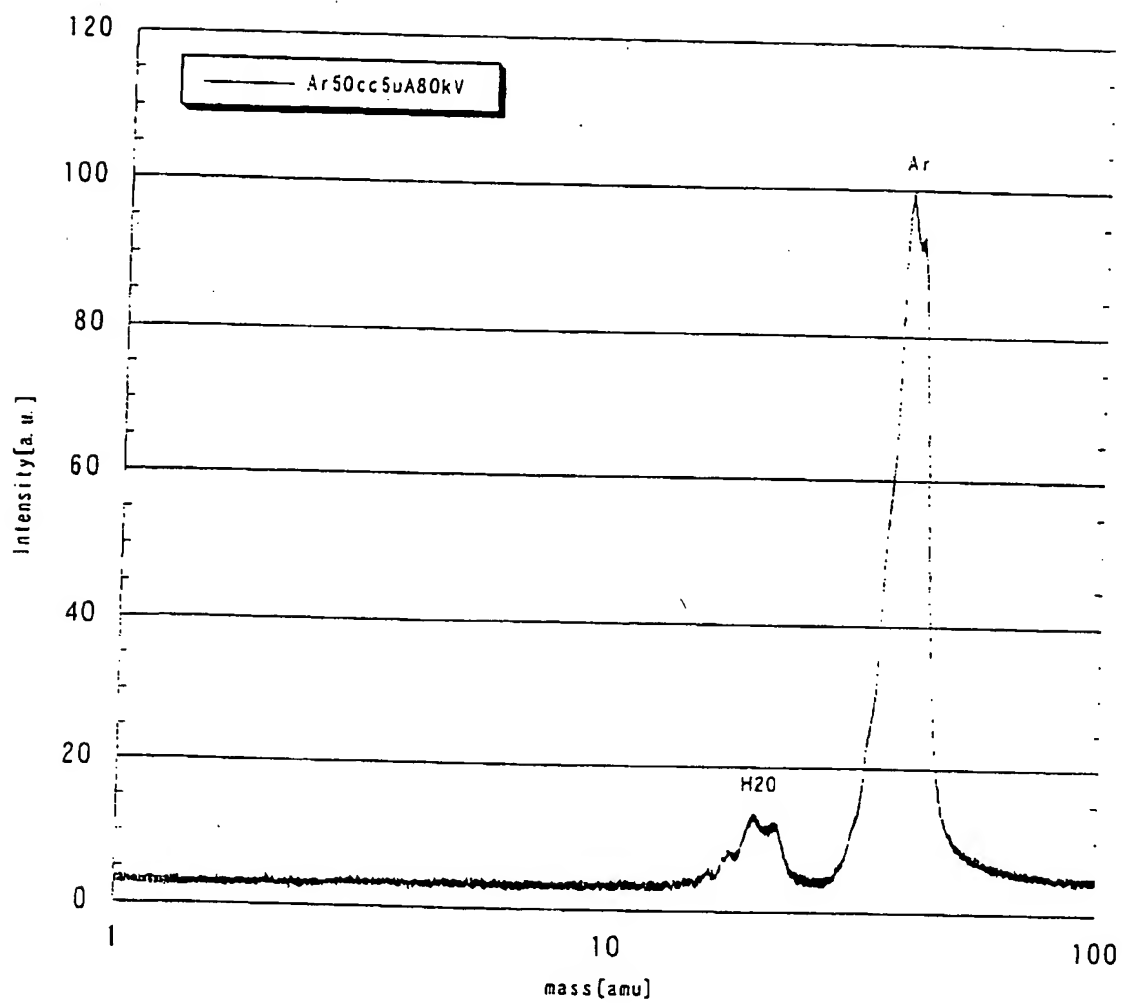
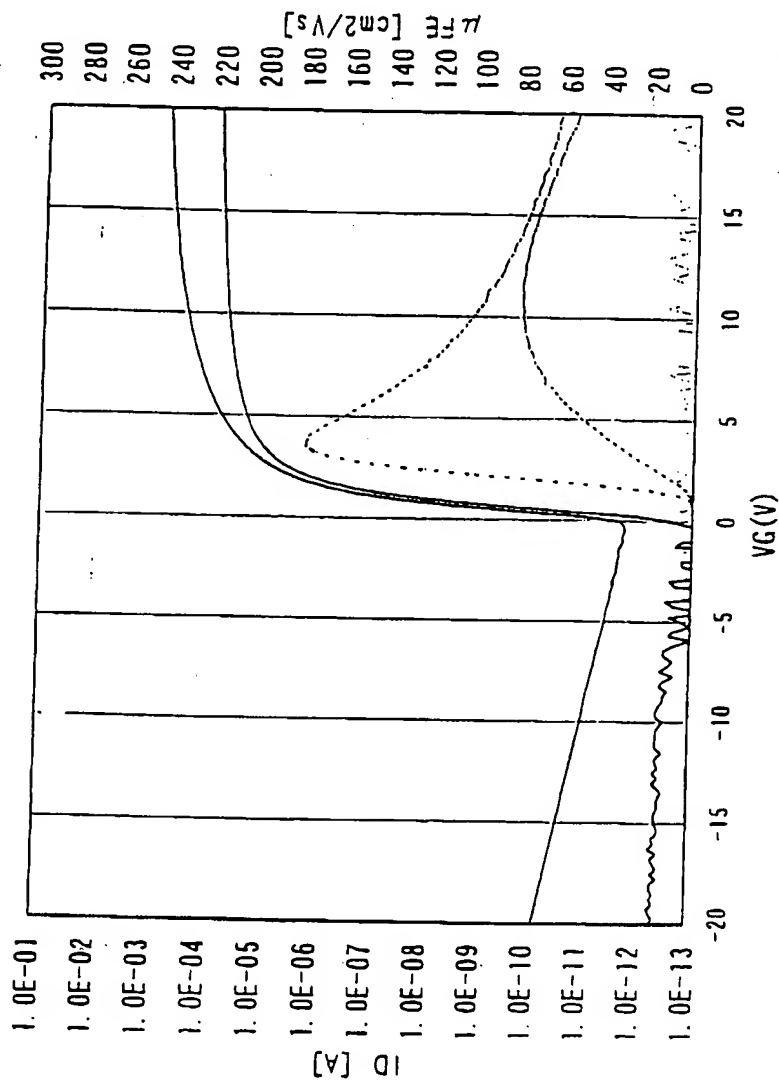


FIG. 24

A P 0 0 5 - 1 7, UniLS XA3 Y11 (C). N-ch, L/W= 7/ 8,
Tox= 115)



Lot No.:	AP005 CN	
FILE NAME	CHNSA311	
Comment	SemiAuto	
PARAMETER OF MEASUREMENT		
VD start		13
VD step		2
VD step number		2
PARAMETER OF CALCULATION		
CHANNEL TYPE	N	
L [um]		7.0
W [um]		8.0
DIELECTRIC CONSTANT		4.1
THICKNESS OF OXIDE		115
RESULT OF CALCULATION		
Ion_2 [A]	2.34E-04	
Ioff_2 [A]	3.70E-12	
Shift_1[V]	0.231	
Vth [V]	1.222	
S-value [V/dec]	0.175	
μFE(max) [cm2/Vs]	179.9	

FIG. 25

2046293.01102

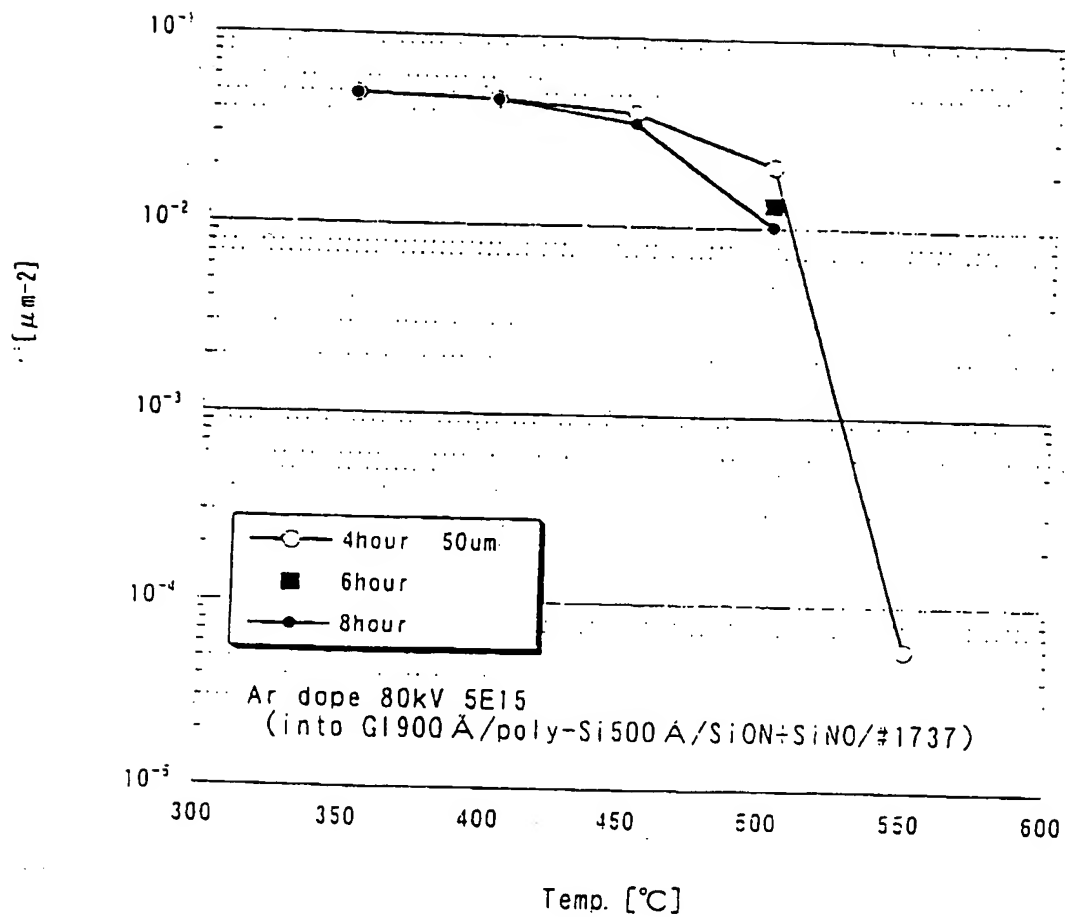


FIG. 26

DENSITY OF ETCH PITS (μm^{-2})

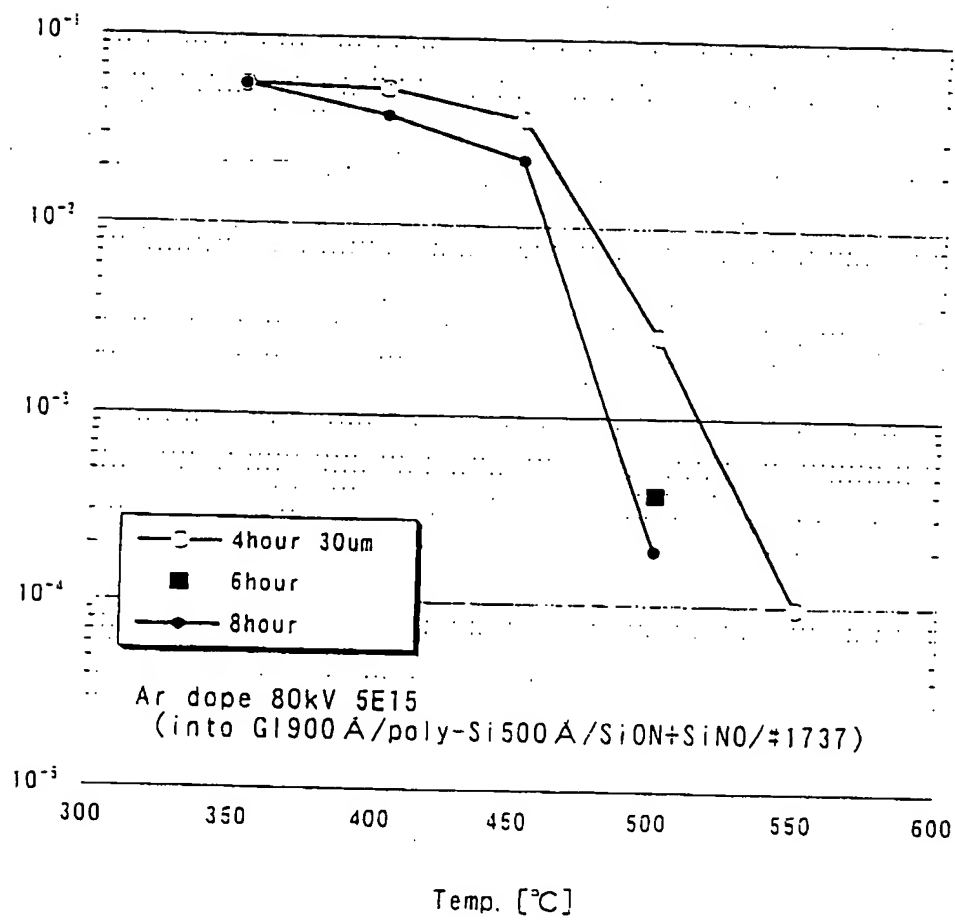


FIG. 27

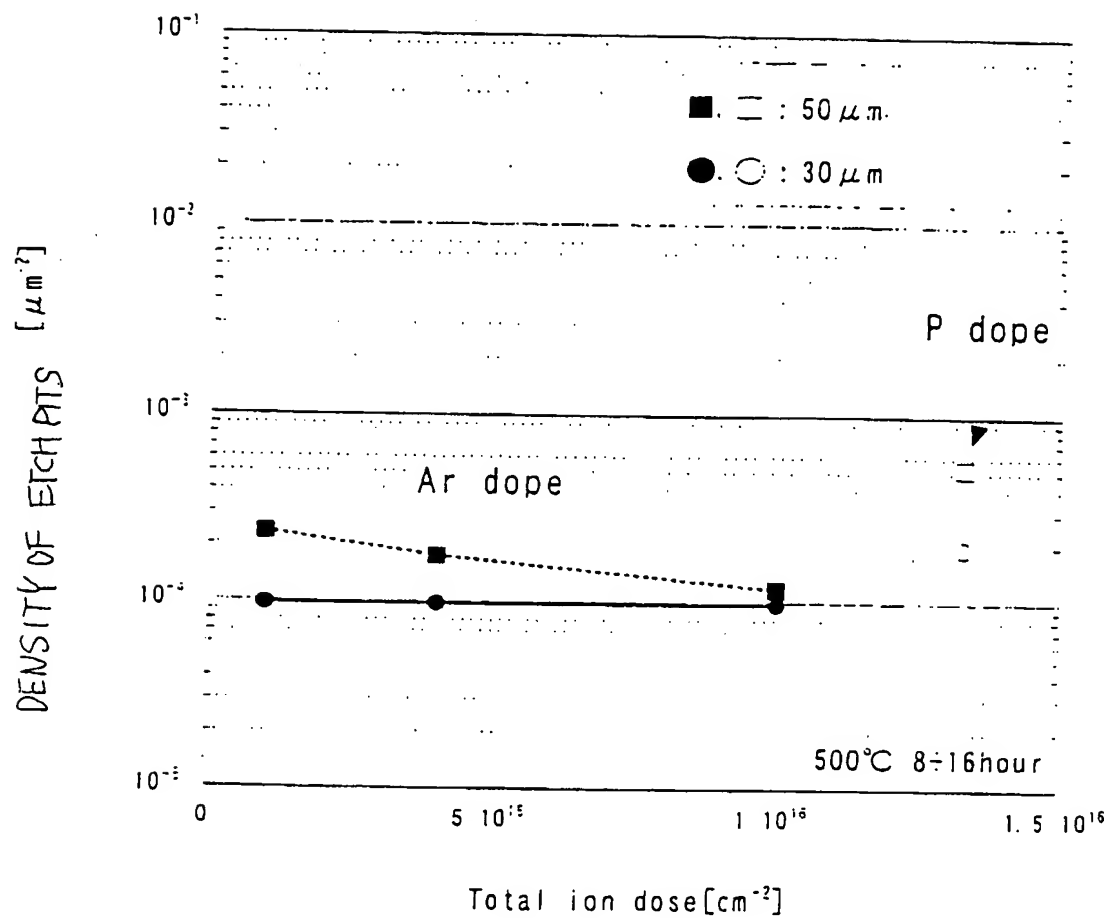


FIG. 28

FIG. 29

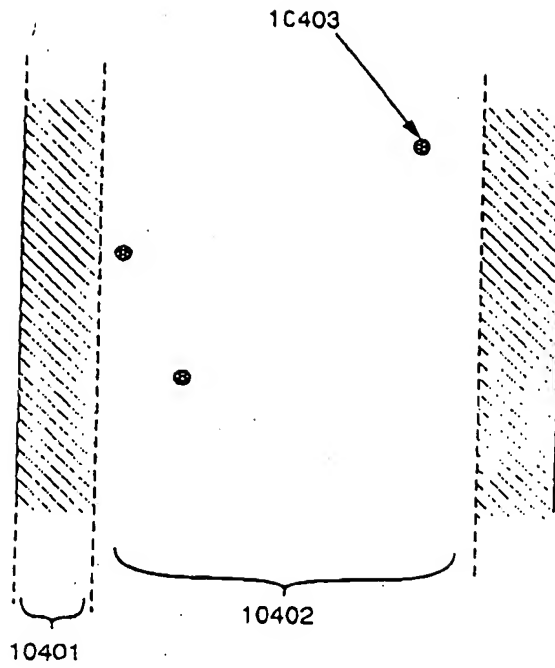


FIG. 29

FIG. 30A

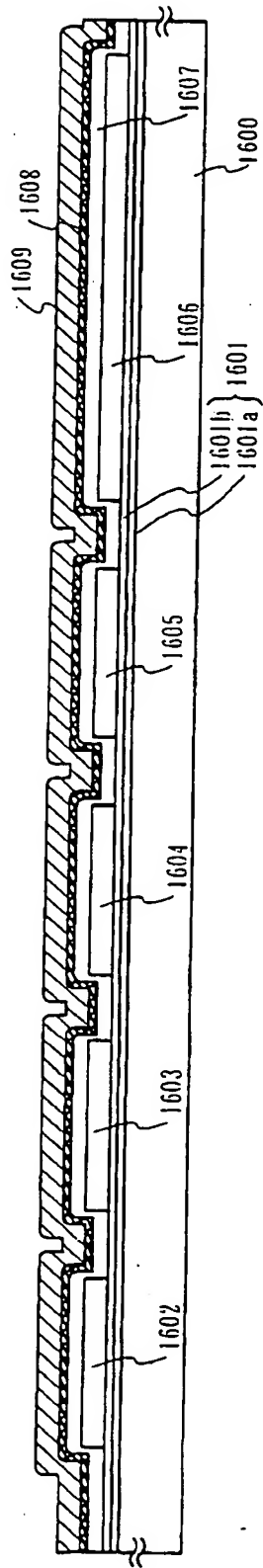


FIG. 30B

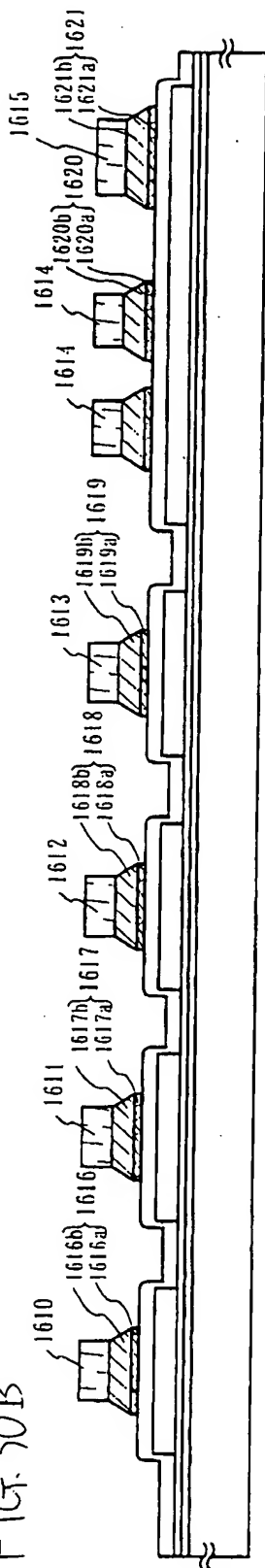
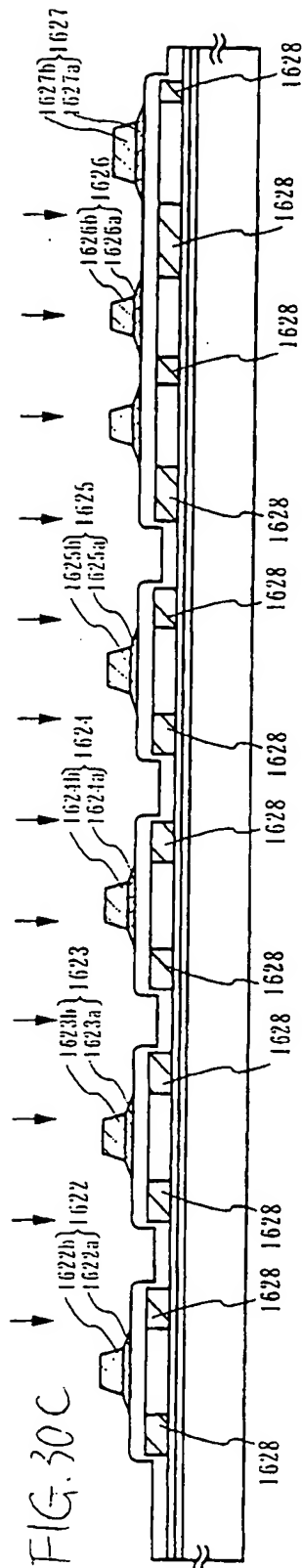
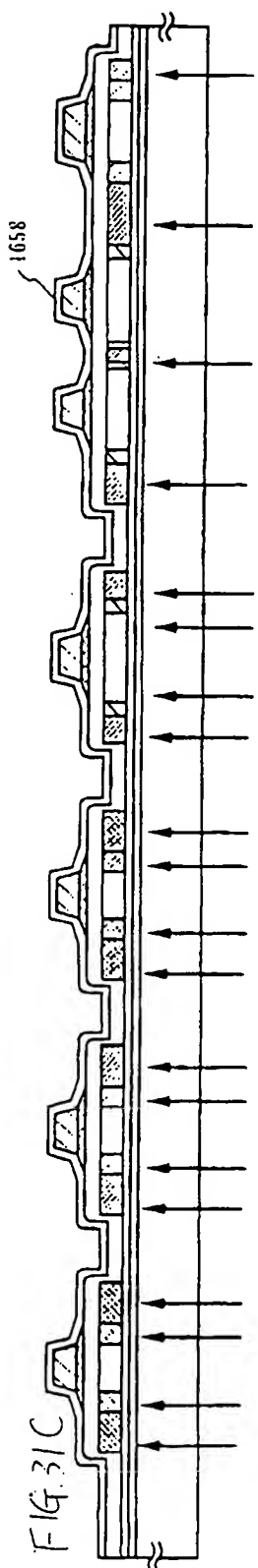
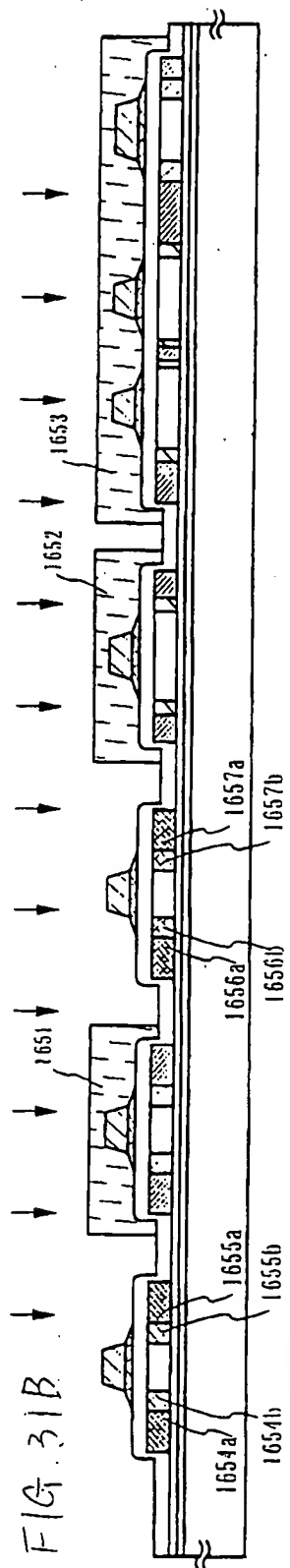
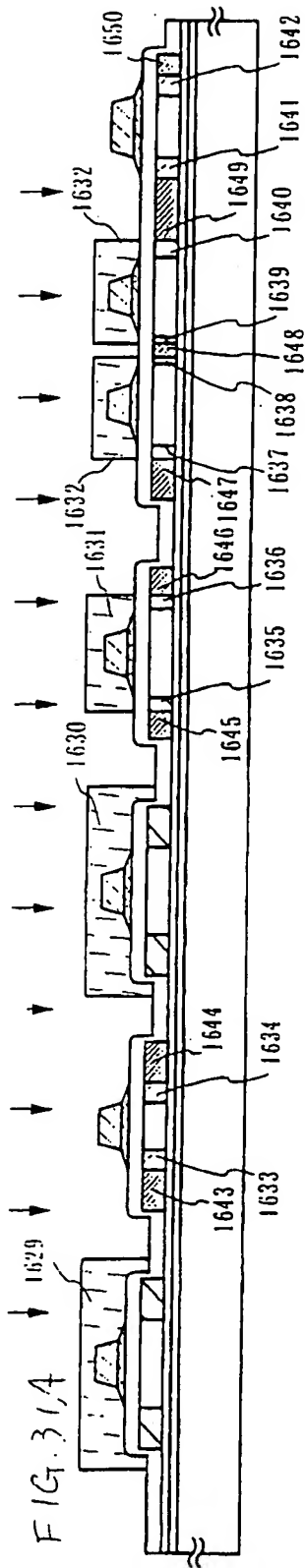


FIG. 30C





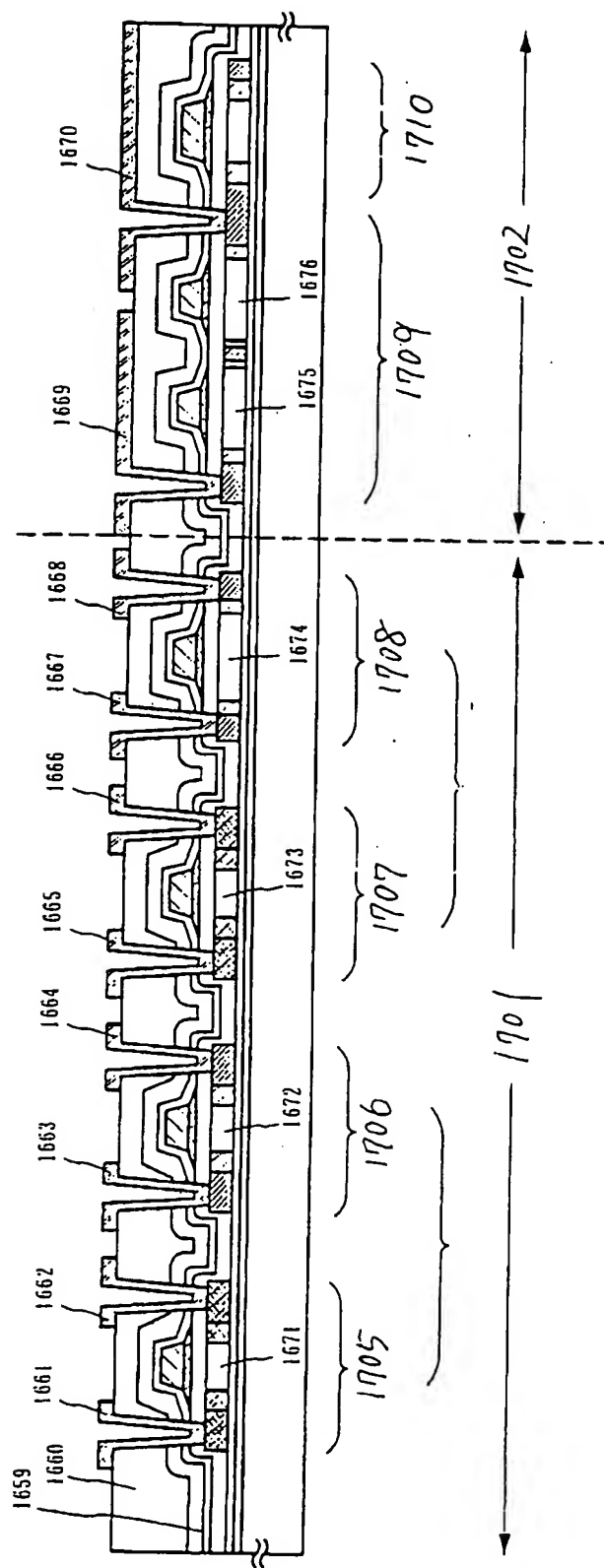


FIG. 32

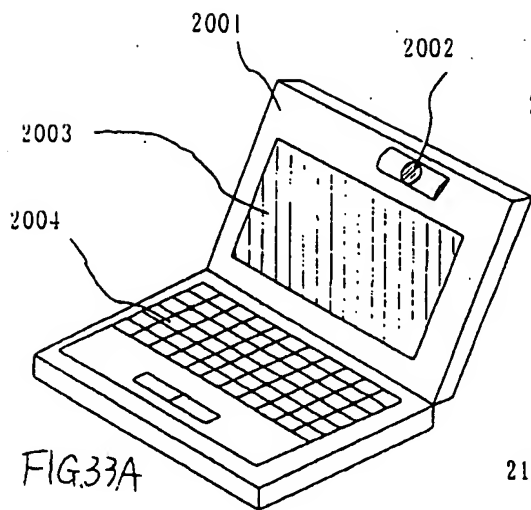


FIG. 33A

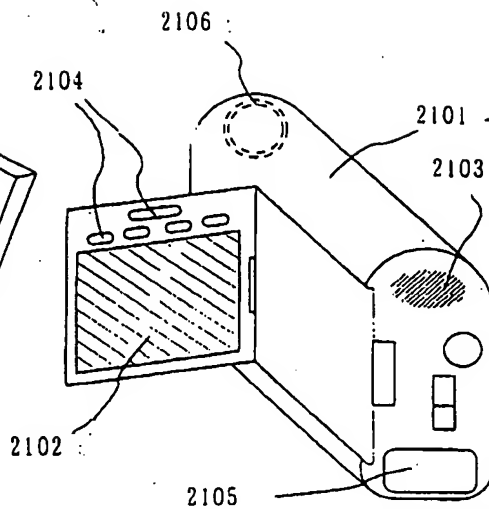


FIG. 33B

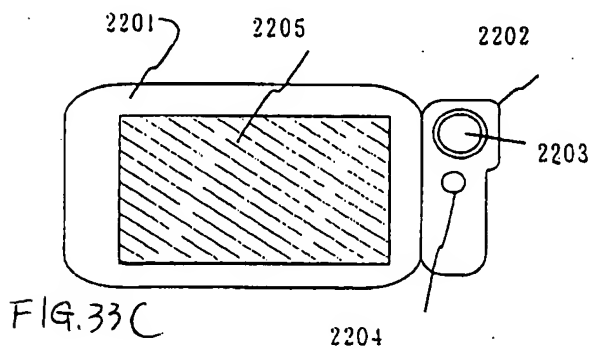


FIG. 33C

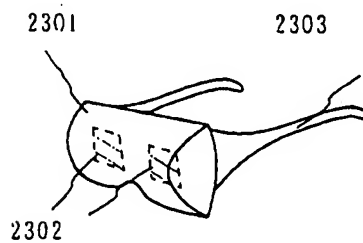


FIG. 33D

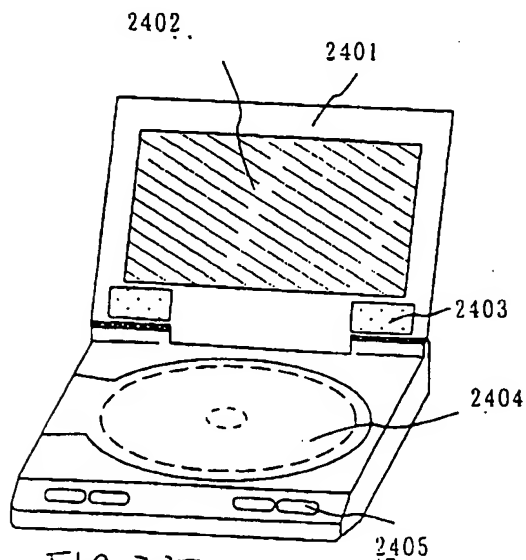


FIG. 33E

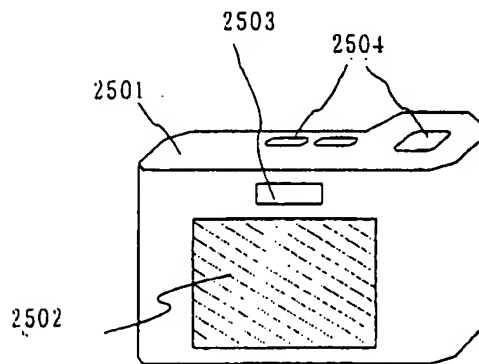


FIG. 33F

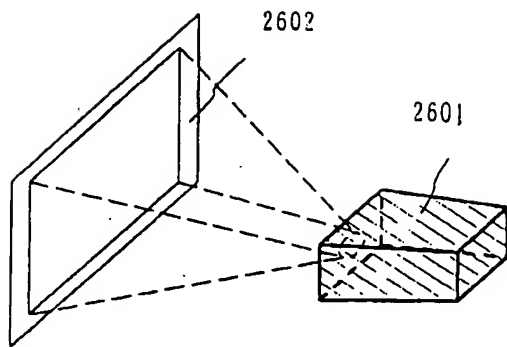


FIG. 34A

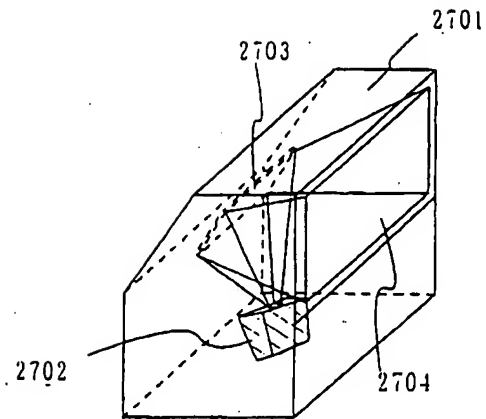


FIG. 34B

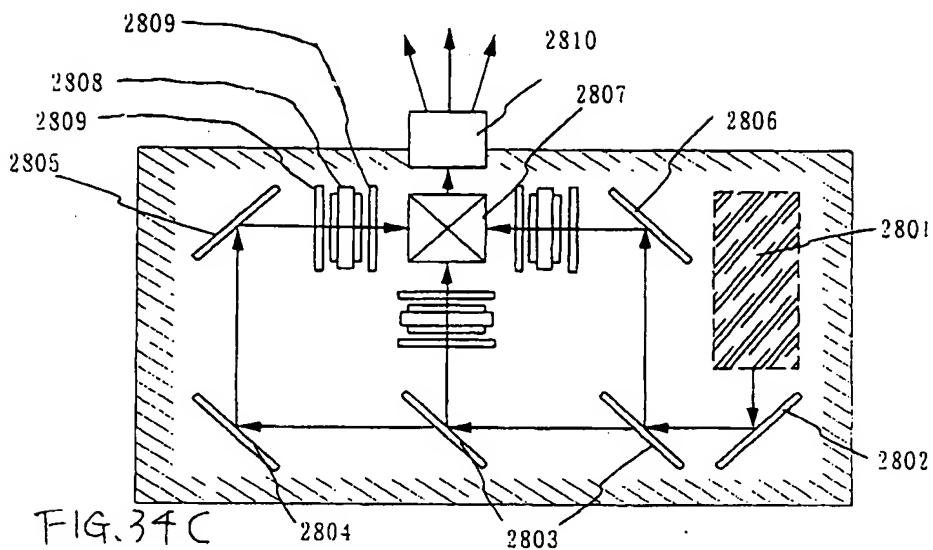


FIG. 34C

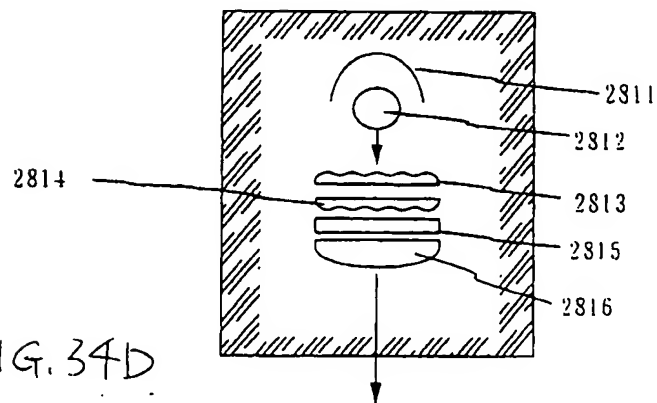
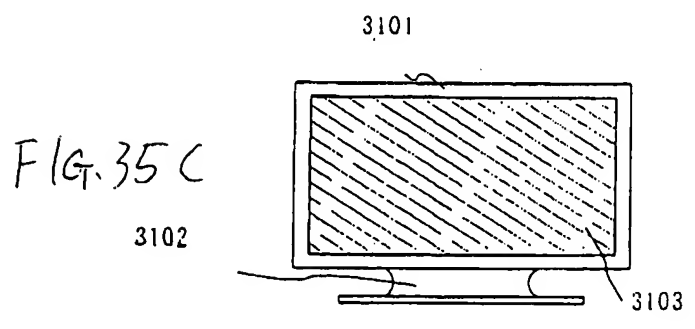
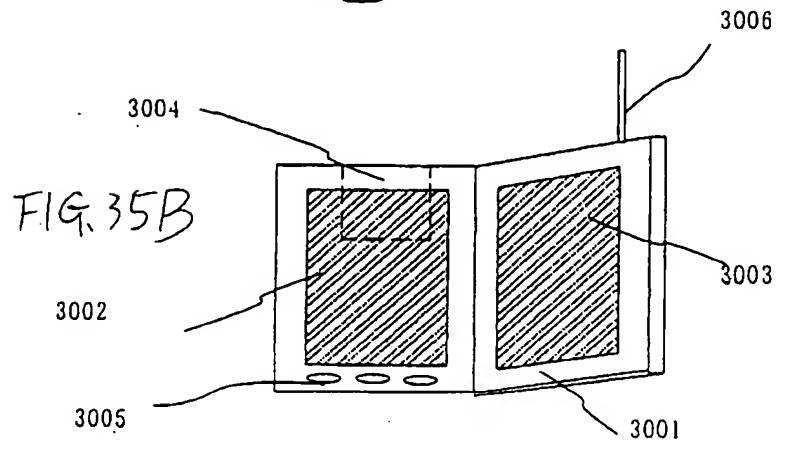
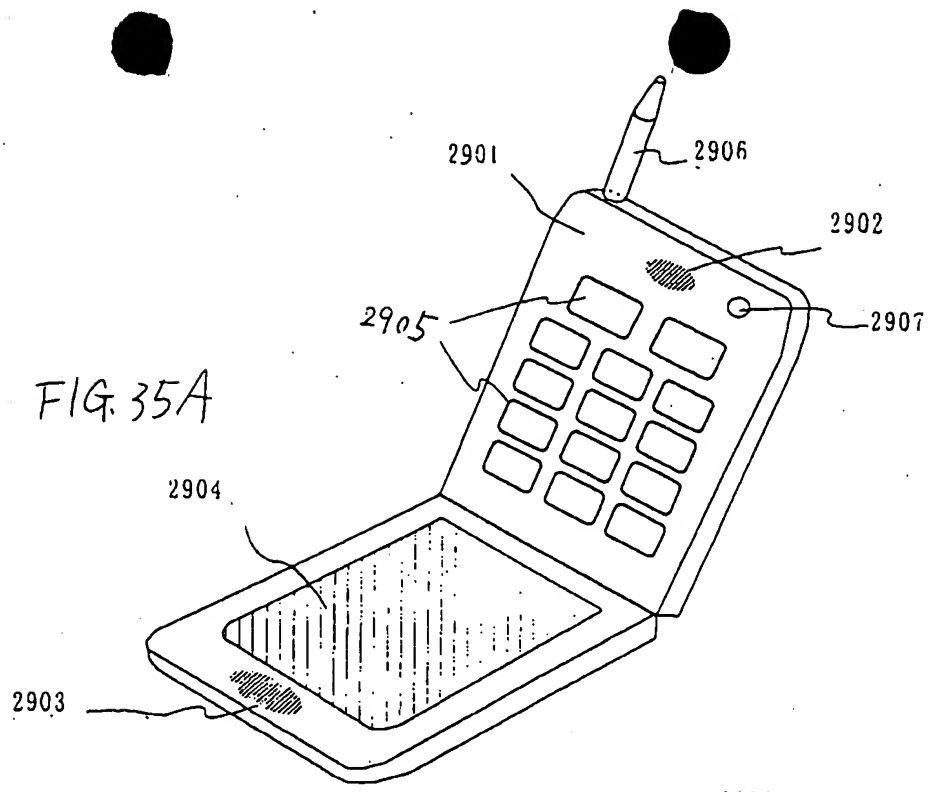


FIG. 34D

2025-03-04 10:02:00



2010-01-01 10:04:53

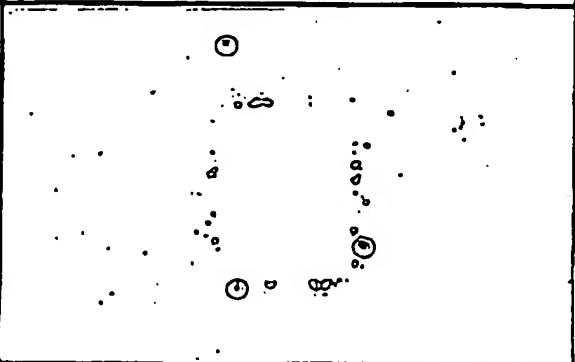
	GETTERING CONDITION
MAGNIFICATION	550°C4hrs
x 200	

FIG. 36

20470-6684001